

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021624\
 Data File : VN081052.D
 Acq On : 16 Feb 2024 13:18
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 16 23:24:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	376933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	698365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	614596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	257716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	28943	6.265	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	12.520%#
35) Dibromofluoromethane	8.165	113	22800	5.774	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	11.540%#
50) Toluene-d8	10.565	98	86331	6.155	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	12.320%#
62) 4-Bromofluorobenzene	12.853	95	31051	5.892	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	11.780%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	24610	5.049	ug/l	98
3) Chloromethane	2.365	50	32750	5.100	ug/l	97
4) Vinyl Chloride	2.512	62	28489	5.262	ug/l	90
5) Bromomethane	2.948	94	21666	5.634	ug/l	94
6) Chloroethane	3.118	64	19711	4.003	ug/l	97
7) Trichlorofluoromethane	3.495	101	41784	5.282	ug/l	92
8) Diethyl Ether	3.959	74	14705	5.085	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	23560	5.343	ug/l #	87
10) Methyl Iodide	4.589	142	24176	4.912	ug/l	97
11) Tert butyl alcohol	5.530	59	24278	28.574	ug/l	97
12) 1,1-Dichloroethene	4.342	96	22683	5.321	ug/l	88
13) Acrolein	4.189	56	17217	37.806	ug/l	92
14) Allyl chloride	5.012	41	31420	4.968	ug/l #	86
15) Acrylonitrile	5.718	53	59105	26.635	ug/l	99
16) Acetone	4.424	43	48602	26.735	ug/l	99
17) Carbon Disulfide	4.706	76	61438	5.167	ug/l	98
18) Methyl Acetate	5.024	43	24862	5.606	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	77863	5.333	ug/l	92
20) Methylene Chloride	5.283	84	26650	4.827	ug/l #	74
21) trans-1,2-Dichloroethene	5.783	96	26303	5.531	ug/l #	77
22) Diisopropyl ether	6.671	45	77500	5.402	ug/l #	94
23) Vinyl Acetate	6.600	43	298247	25.622	ug/l #	95
24) 1,1-Dichloroethane	6.571	63	43456	5.238	ug/l #	92
25) 2-Butanone	7.483	43	78111	26.596	ug/l	96
26) 2,2-Dichloropropane	7.494	77	38879	5.002	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	27870	5.044	ug/l	90
28) Bromochloromethane	7.812	49	19885	5.782	ug/l #	66
29) Tetrahydrofuran	7.841	42	51540	26.289	ug/l #	85
30) Chloroform	7.971	83	46086	5.226	ug/l	99
31) Cyclohexane	8.253	56	46324	5.807	ug/l #	71
32) 1,1,1-Trichloroethane	8.171	97	42107	5.243	ug/l #	84
36) 1,1-Dichloropropene	8.371	75	35495	5.246	ug/l	96
37) Ethyl Acetate	7.559	43	33483	5.484	ug/l #	96
38) Carbon Tetrachloride	8.365	117	35776	5.227	ug/l	94
39) Methylcyclohexane	9.600	83	40472	5.132	ug/l #	86
40) Benzene	8.606	78	98883	5.049	ug/l #	90

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	18351	5.281	ug/l	95
42) 1,2-Dichloroethane	8.671	62	35292	5.166	ug/l	100
43) Isopropyl Acetate	8.688	43	53918	5.049	ug/l #	95
44) Trichloroethene	9.353	130	27364	5.246	ug/l	99
45) 1,2-Dichloropropane	9.618	63	24626	5.027	ug/l #	87
46) Dibromomethane	9.706	93	18564	5.201	ug/l #	90
47) Bromodichloromethane	9.888	83	33838	5.006	ug/l #	95
48) Methyl methacrylate	9.682	41	25353	5.102	ug/l	87
49) 1,4-Dioxane	9.700	88	11295	87.073	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	161816	26.341	ug/l	96
52) Toluene	10.635	92	64578	5.209	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	38119	5.075	ug/l #	82
54) cis-1,3-Dichloropropene	10.312	75	42126	5.190	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	25344	5.315	ug/l	91
56) Ethyl methacrylate	10.871	69	36439	5.000	ug/l	89
57) 1,3-Dichloropropane	11.165	76	41315	5.011	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	100826	27.575	ug/l #	89
59) 2-Hexanone	11.194	43	121262	24.899	ug/l	93
60) Dibromochloromethane	11.359	129	24638	4.864	ug/l	97
61) 1,2-Dibromoethane	11.471	107	24569	4.900	ug/l	87
64) Tetrachloroethene	11.106	164	20840	4.968	ug/l	92
65) Chlorobenzene	11.894	112	67417	5.068	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	23899	5.002	ug/l	97
67) Ethyl Benzene	11.965	91	123132	5.173	ug/l	97
68) m/p-Xylenes	12.071	106	91317	10.009	ug/l	95
69) o-Xylene	12.400	106	46810	5.176	ug/l	92
70) Styrene	12.412	104	72060	5.028	ug/l	94
71) Bromoform	12.576	173	15091	4.979	ug/l #	98
73) Isopropylbenzene	12.694	105	115911	5.141	ug/l	94
74) N-amyl acetate	12.494	43	50746	5.325	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	33193	5.235	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	45513	7.741	ug/l	60
77) Bromobenzene	12.988	156	26832	5.337	ug/l	74
78) n-propylbenzene	13.035	91	134849	5.195	ug/l	96
79) 2-Chlorotoluene	13.129	91	81955	5.147	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	95932	5.247	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.741	75	11062	4.863	ug/l	93
82) 4-Chlorotoluene	13.223	91	83891	5.389	ug/l	98
83) tert-Butylbenzene	13.441	119	86633	5.480	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	96062	5.273	ug/l	93
85) sec-Butylbenzene	13.617	105	114593	5.214	ug/l	94
86) p-Isopropyltoluene	13.729	119	96302	5.276	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	49933	5.256	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	49495	5.302	ug/l	99
89) n-Butylbenzene	14.059	91	81803	5.144	ug/l	96
90) Hexachloroethane	14.335	117	14711	4.876	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	47819	5.219	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	7233	5.487	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	25118	4.914	ug/l	96
94) Hexachlorobutadiene	15.506	225	9826	5.154	ug/l	98
95) Naphthalene	15.641	128	98184	5.242	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	24426	4.817	ug/l	93

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ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
VSTDICC005

Quant Time: Feb 16 23:24:40 2024
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Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:18:56 2024
Response via : Initial Calibration

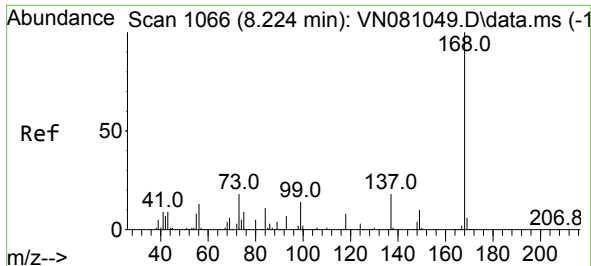
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
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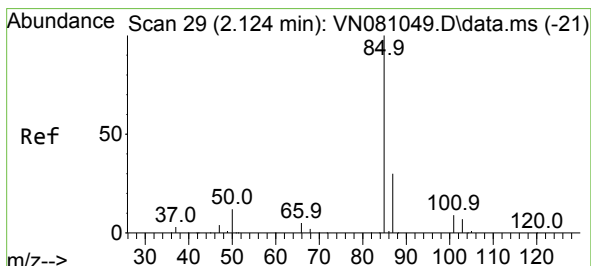
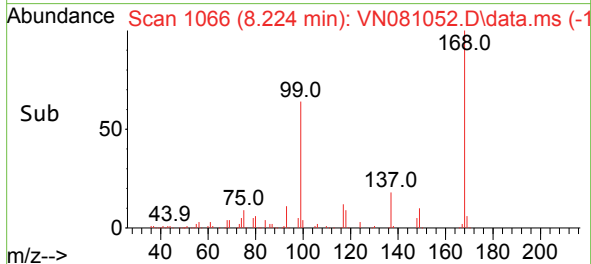
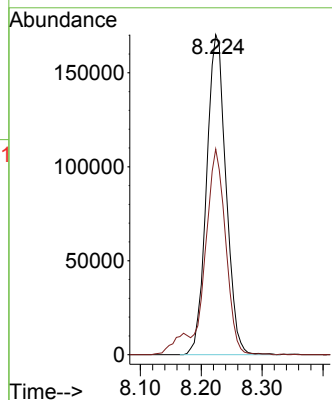
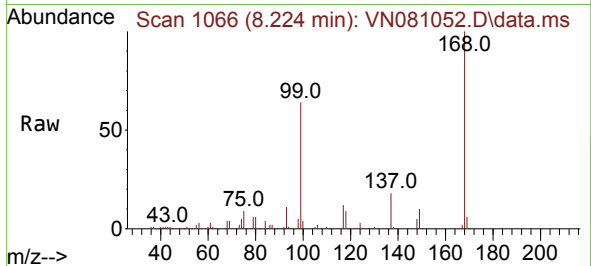




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081052.D
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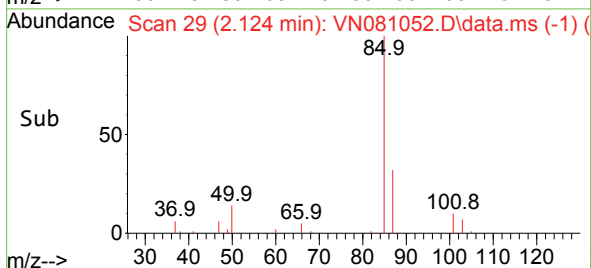
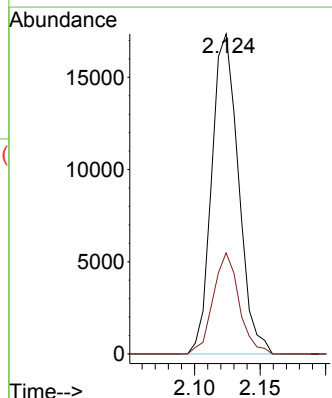
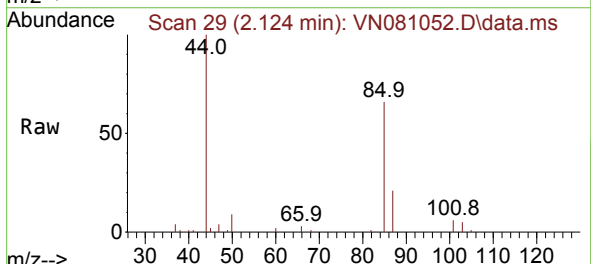
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

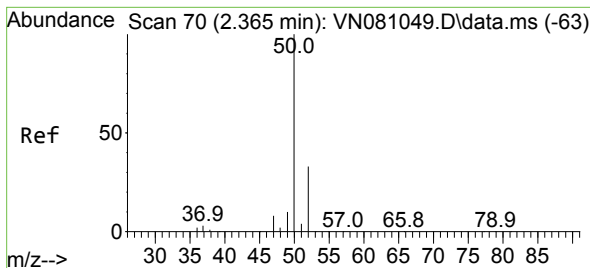
Tgt Ion:168 Resp: 376933
Ion Ratio Lower Upper
168 100
99 64.1 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 5.049 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion: 85 Resp: 24610
Ion Ratio Lower Upper
85 100
87 31.6 15.3 45.9





#3

Chloromethane

Concen: 5.100 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN081052.D

Acq: 16 Feb 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

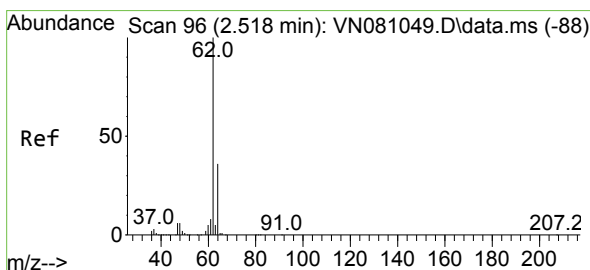
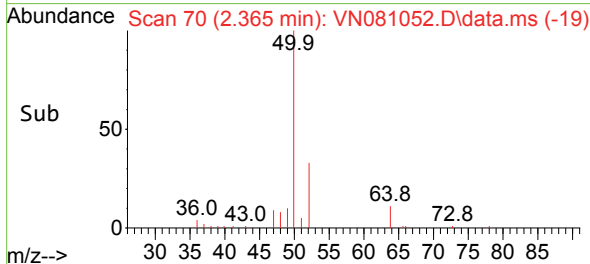
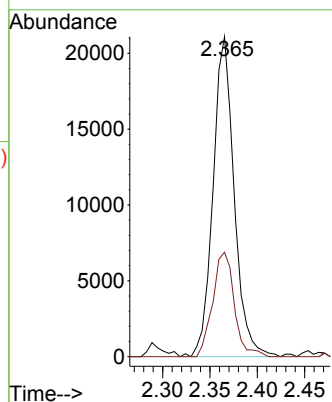
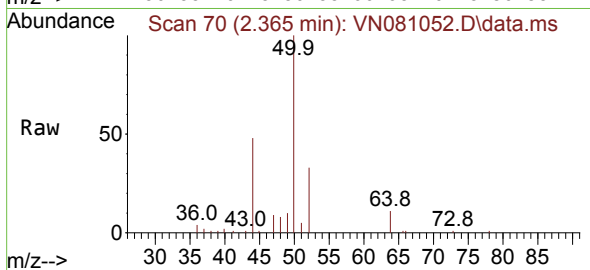
VSTDIC005

Tgt Ion: 50 Resp: 32750

Ion Ratio Lower Upper

50 100

52 32.6 25.0 37.4



#4

Vinyl Chloride

Concen: 5.262 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN081052.D

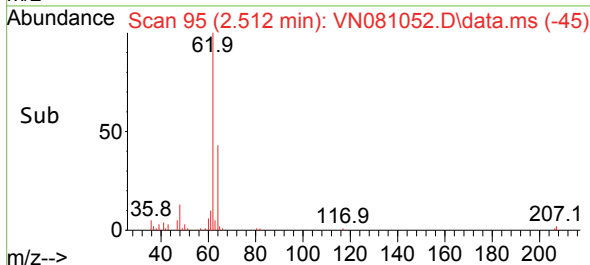
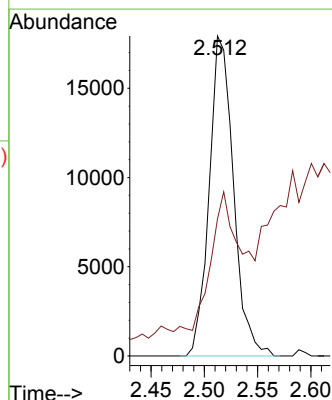
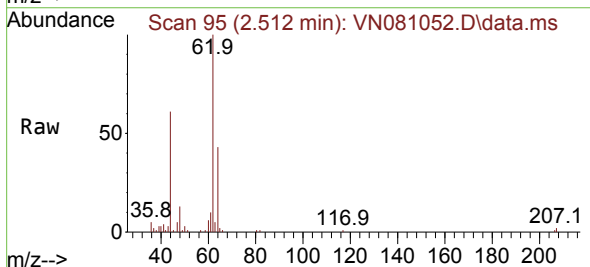
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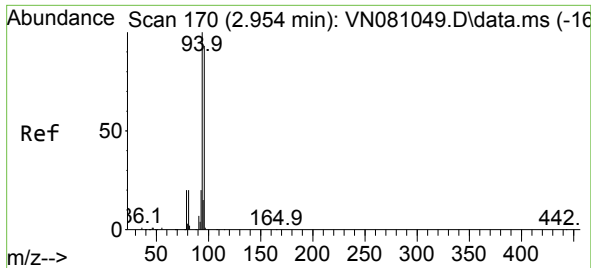
Tgt Ion: 62 Resp: 28489

Ion Ratio Lower Upper

62 100

64 33.5 22.7 34.1

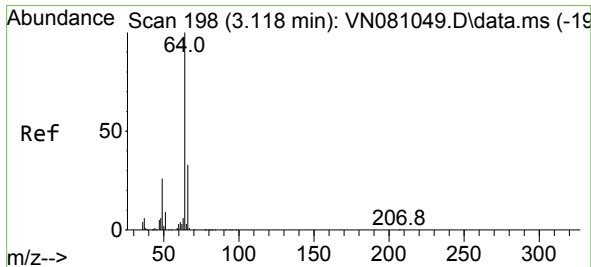
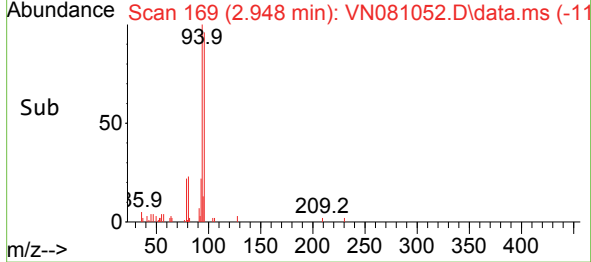
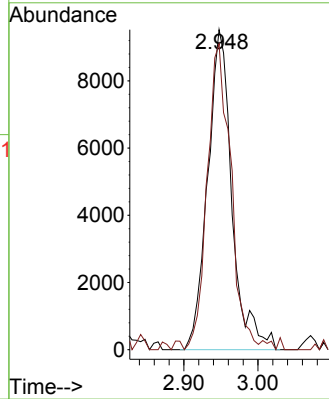
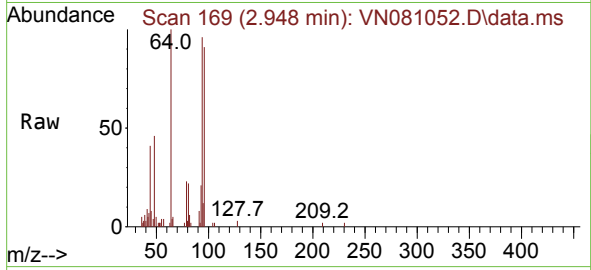




#5
Bromomethane
Concen: 5.634 ug/l
RT: 2.948 min Scan# 170
Delta R.T. -0.006 min
Lab File: VN081052.D
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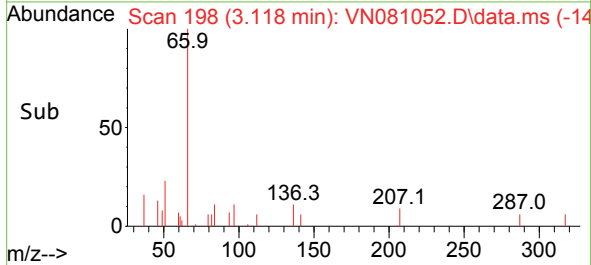
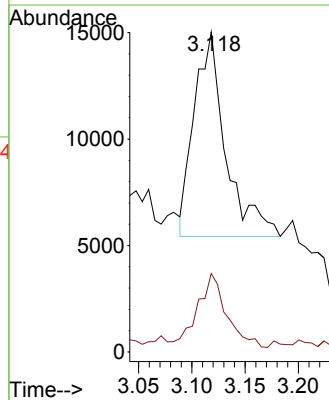
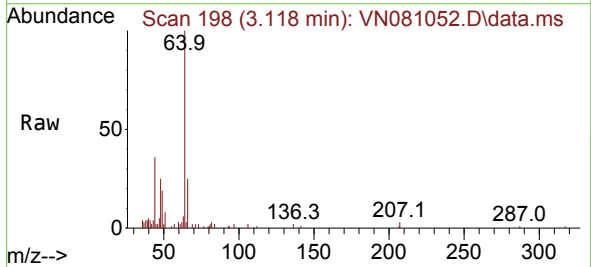
Instrument :
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VSTDIC005

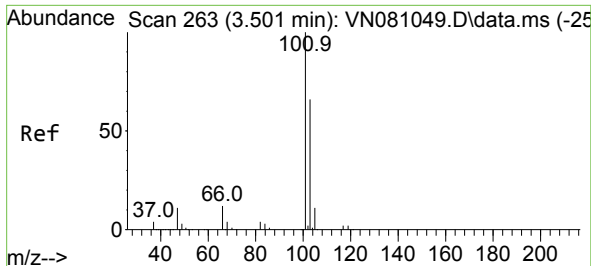
Tgt Ion: 94 Resp: 21666
Ion Ratio Lower Upper
94 100
96 91.8 69.2 103.8



#6
Chloroethane
Concen: 4.003 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion: 64 Resp: 19711
Ion Ratio Lower Upper
64 100
66 34.5 26.4 39.6

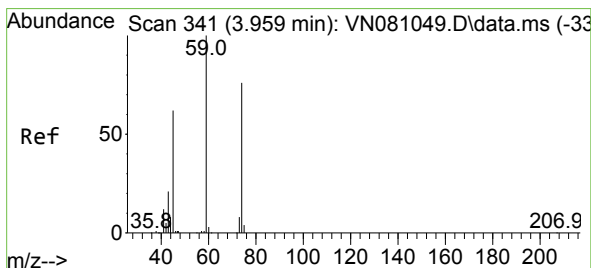
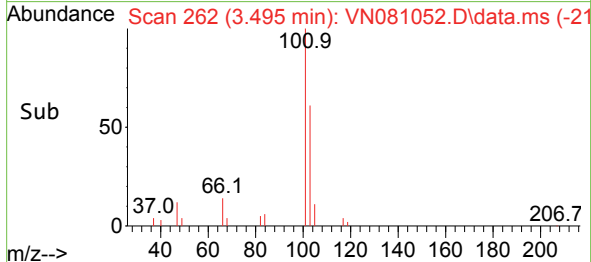
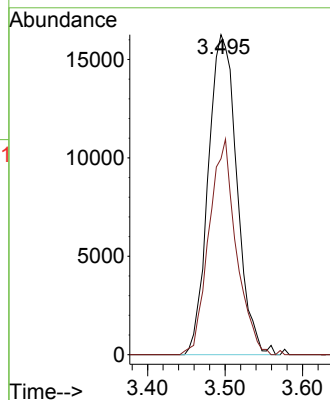
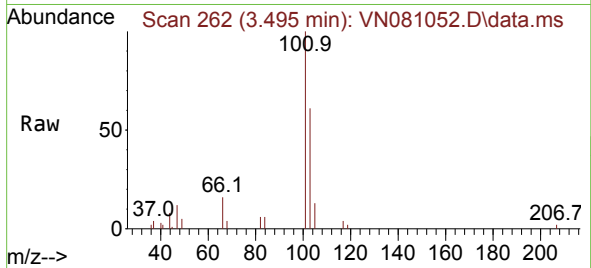




#7
Trichlorofluoromethane
Concen: 5.282 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

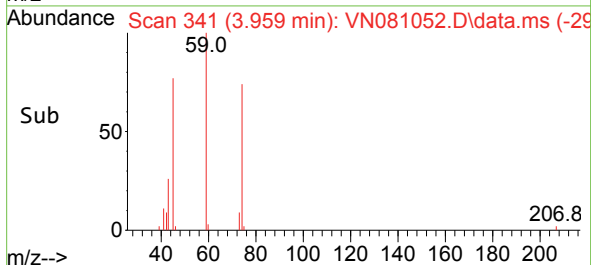
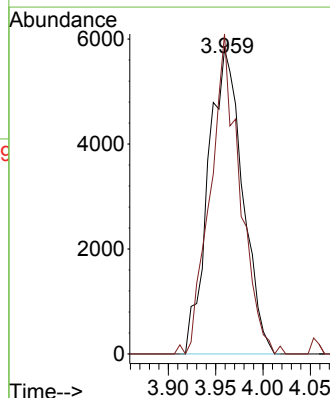
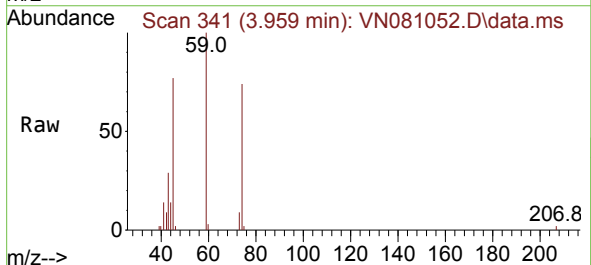
Instrument :
MSVOA_N
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VSTDIC005

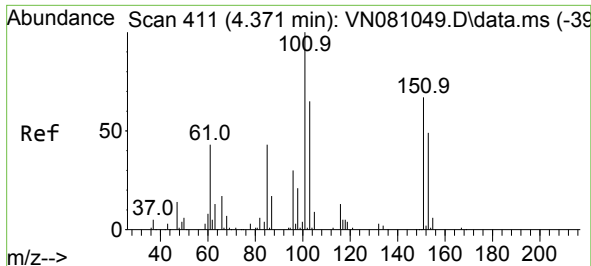
Tgt Ion:101 Resp: 41784
Ion Ratio Lower Upper
101 100
103 61.2 54.4 81.6



#8
Diethyl Ether
Concen: 5.085 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion: 74 Resp: 14705
Ion Ratio Lower Upper
74 100
45 90.4 53.3 159.9

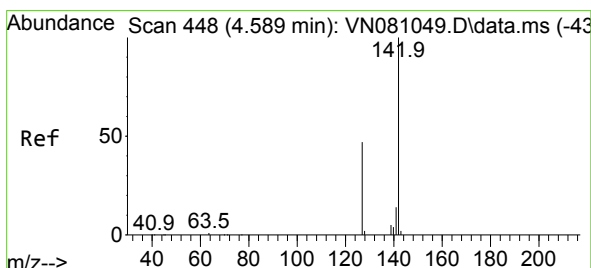
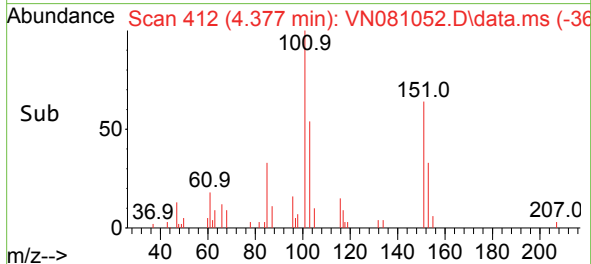
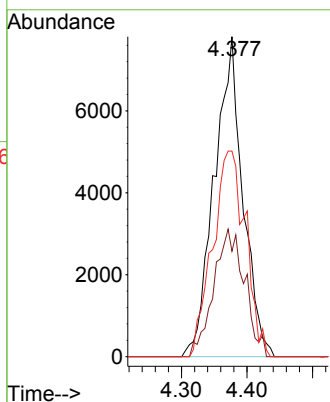
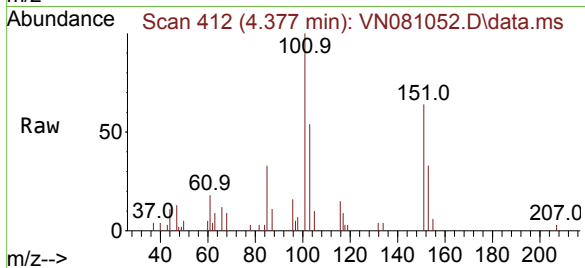




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.343 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081052.D
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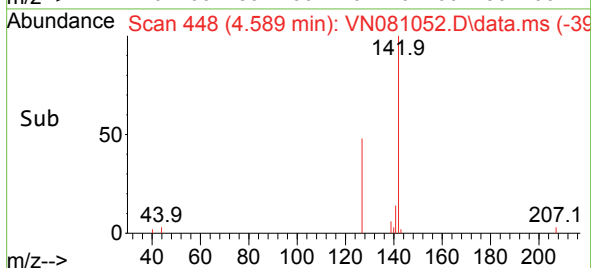
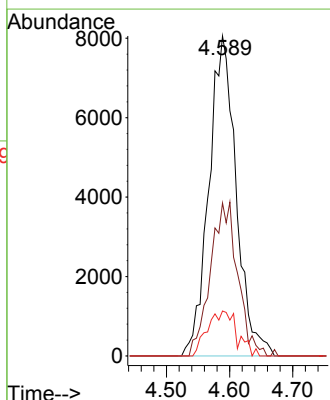
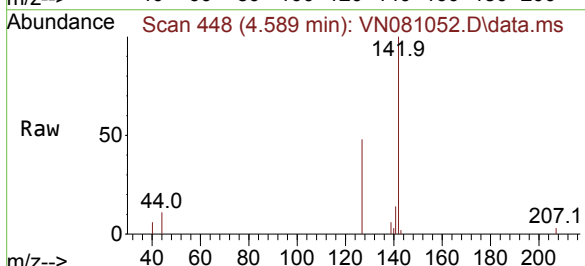
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

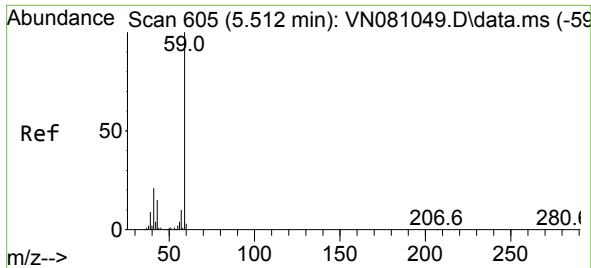
Tgt Ion:101 Resp: 23560
Ion Ratio Lower Upper
101 100
85 43.2 38.1 57.1
151 74.6 49.1 73.7#



#10
Methyl Iodide
Concen: 4.912 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion:142 Resp: 24176
Ion Ratio Lower Upper
142 100
127 47.8 37.0 55.4
141 14.1 12.5 18.7

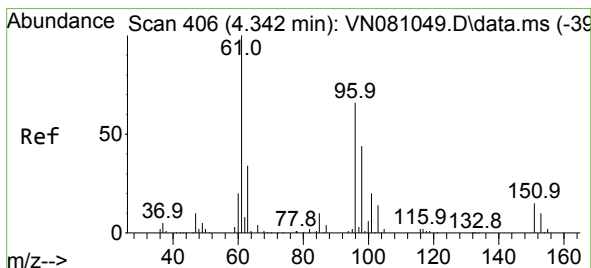
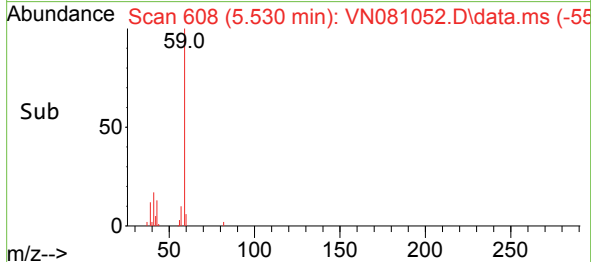
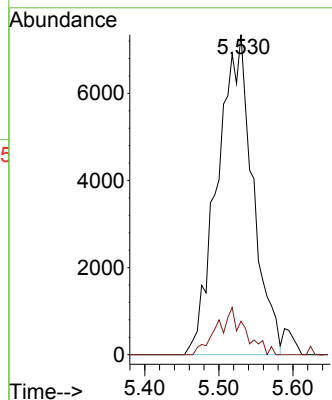
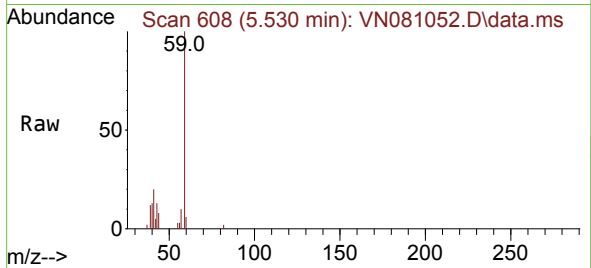




#11
Tert butyl alcohol
Concen: 28.574 ug/l
RT: 5.530 min Scan# 605
Delta R.T. 0.018 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

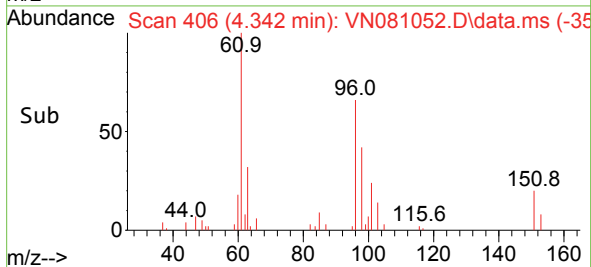
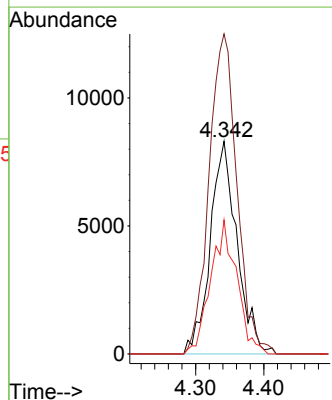
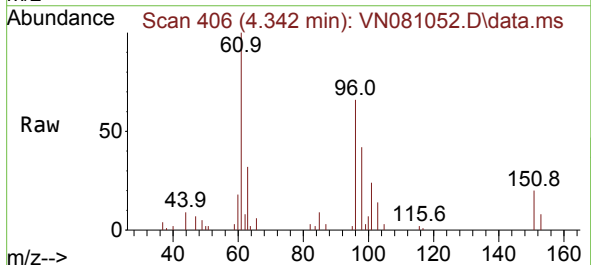
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

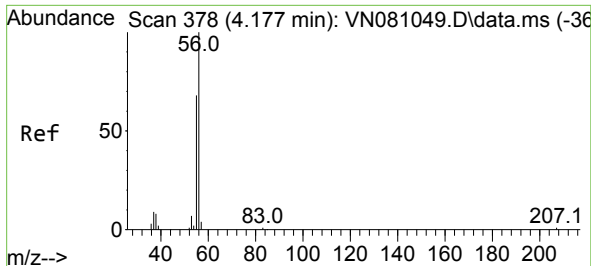
Tgt Ion: 59 Resp: 24278
Ion Ratio Lower Upper
59 100
57 11.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 5.321 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion: 96 Resp: 22683
Ion Ratio Lower Upper
96 100
61 150.5 138.2 207.4
98 63.0 49.2 73.8

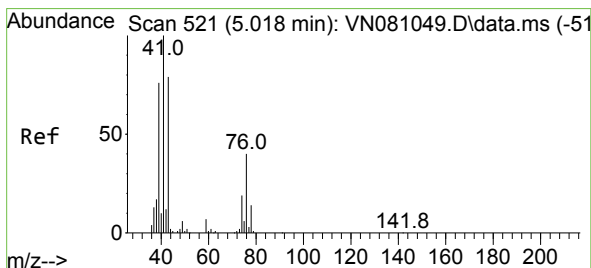
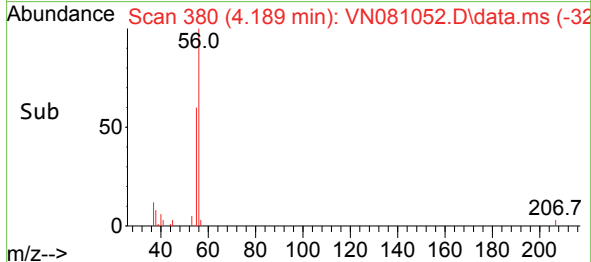
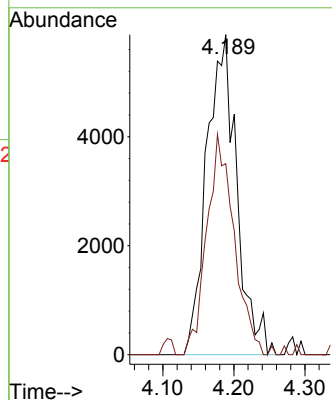
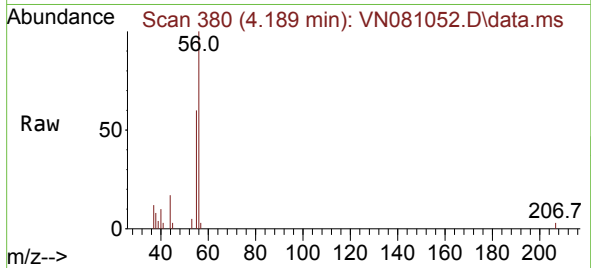




#13
Acrolein
Concen: 37.806 ug/l
RT: 4.189 min Scan# 378
Delta R.T. 0.012 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

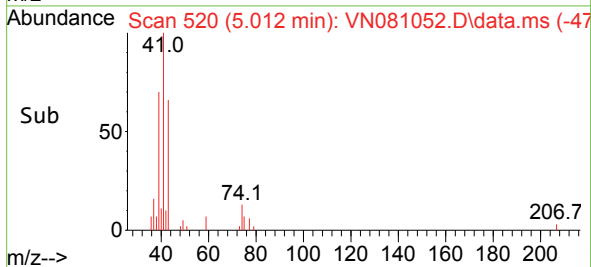
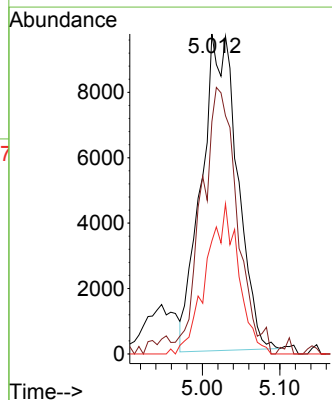
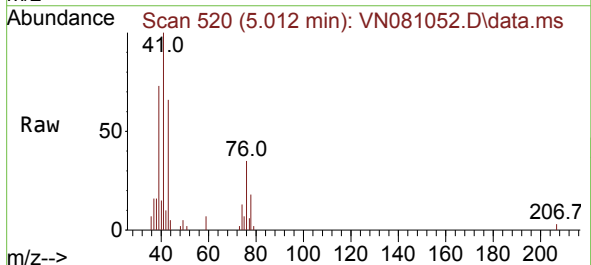
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

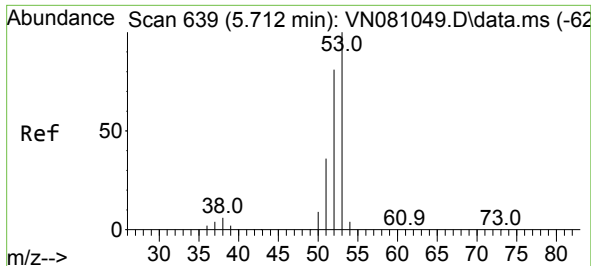
Tgt Ion: 56 Resp: 17217
Ion Ratio Lower Upper
56 100
55 62.8 55.3 82.9



#14
Allyl chloride
Concen: 4.968 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion: 41 Resp: 31420
Ion Ratio Lower Upper
41 100
39 82.7 57.7 86.5
76 42.3 26.8 40.2#

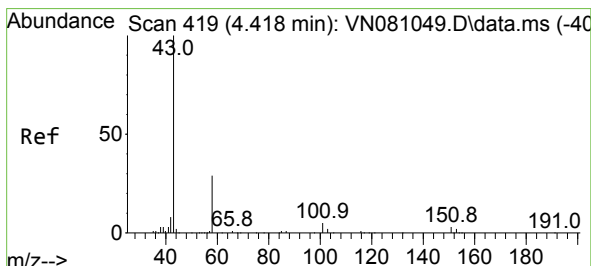
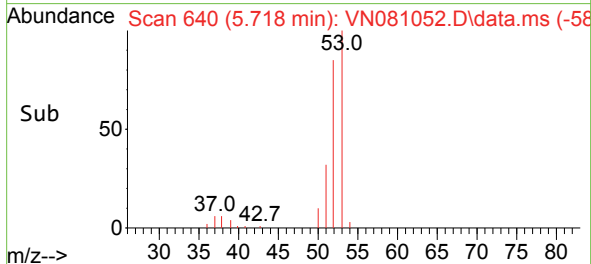
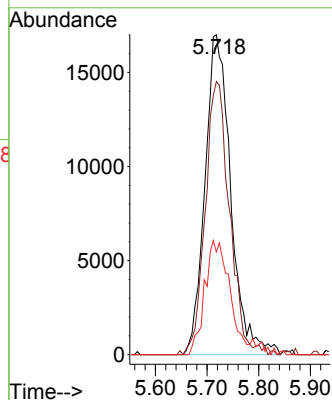
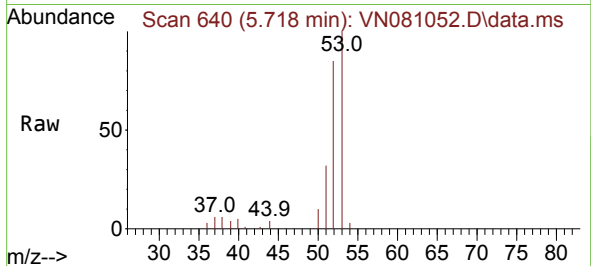




#15
Acrylonitrile
Concen: 26.635 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

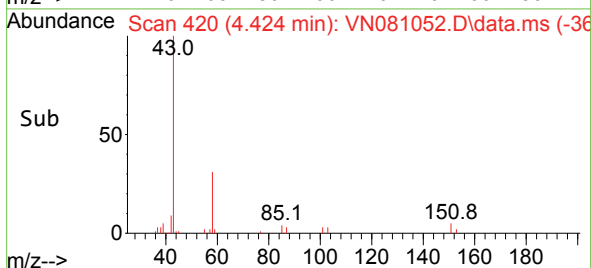
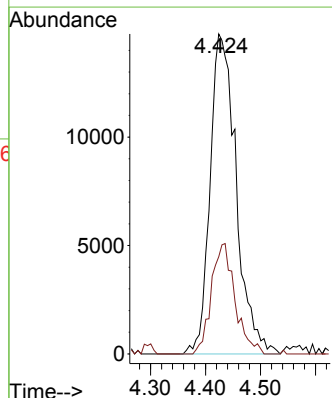
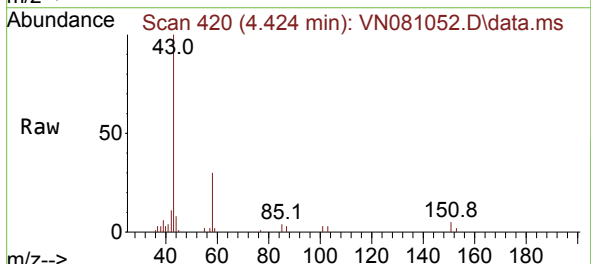
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

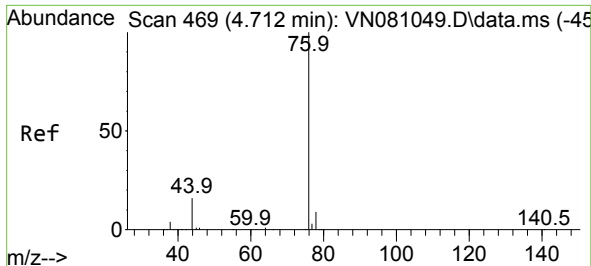
Tgt Ion	Ratio	Lower	Upper
53	100		
52	80.6	64.8	97.2
51	34.4	26.9	40.3



#16
Acetone
Concen: 26.735 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.8	37.2





#17

Carbon Disulfide

Concen: 5.167 ug/l

RT: 4.706 min Scan# 4

Delta R.T. -0.006 min

Lab File: VN081052.D

Acq: 16 Feb 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

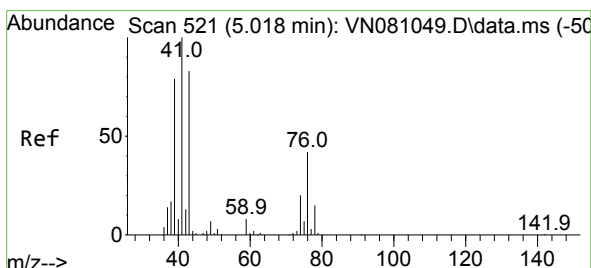
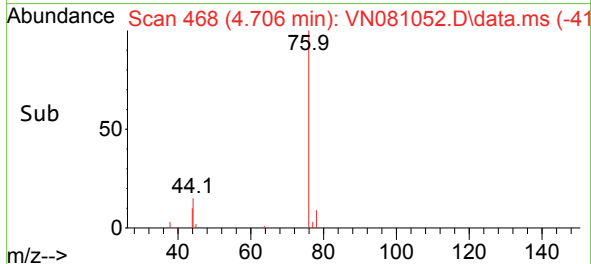
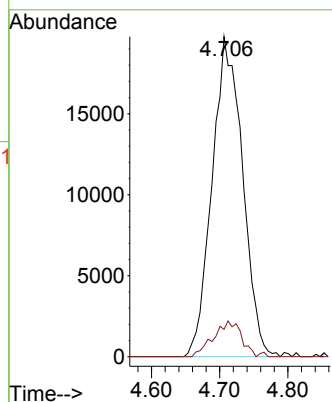
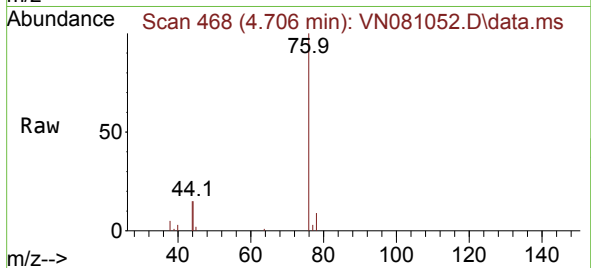
VSTDICC005

Tgt Ion: 76 Resp: 61438

Ion Ratio Lower Upper

76 100

78 8.5 6.3 9.5



#18

Methyl Acetate

Concen: 5.606 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081052.D

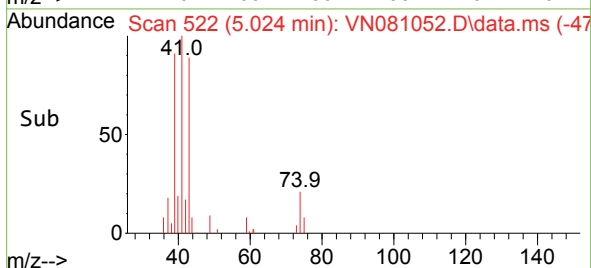
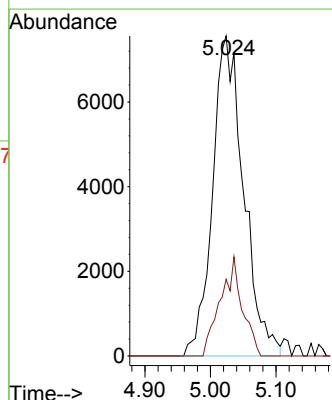
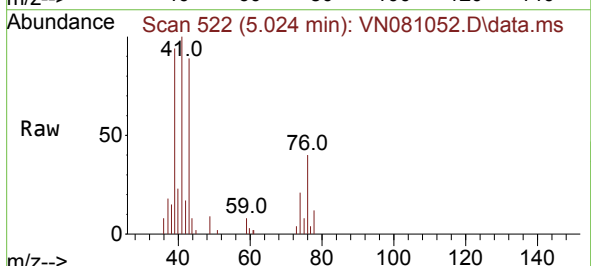
Acq: 16 Feb 2024 13:18

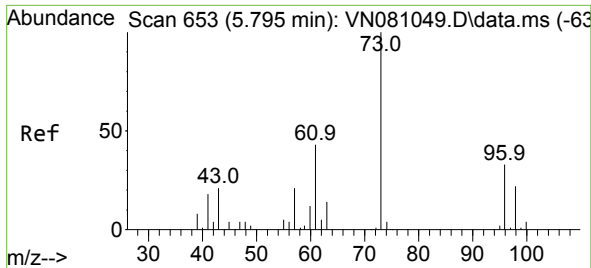
Tgt Ion: 43 Resp: 24862

Ion Ratio Lower Upper

43 100

74 21.8 17.3 25.9

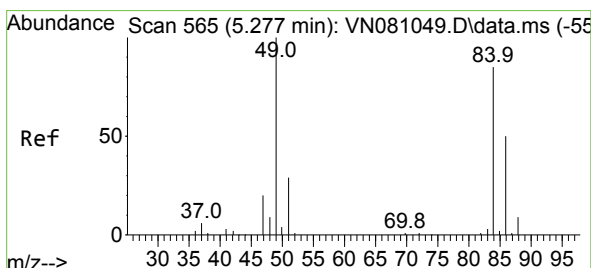
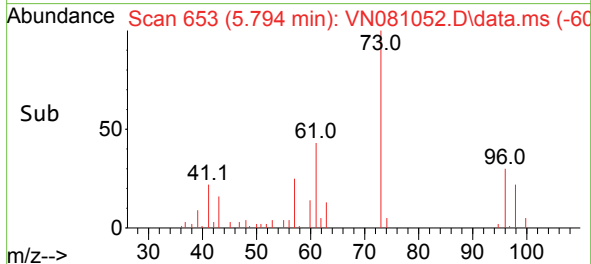
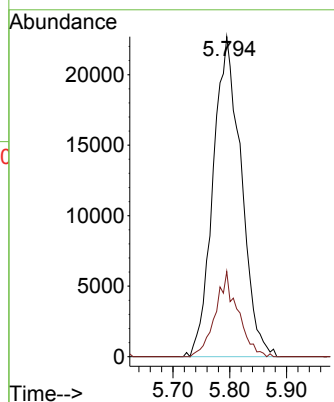
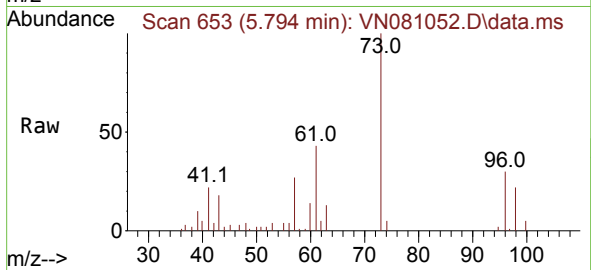




#19
Methyl tert-butyl Ether
Concen: 5.333 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

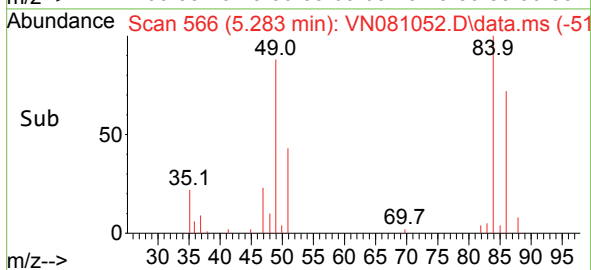
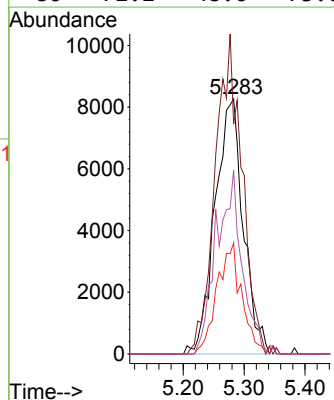
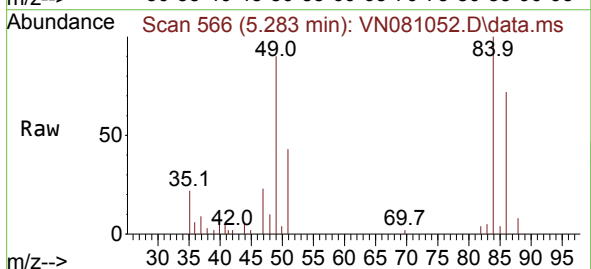
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

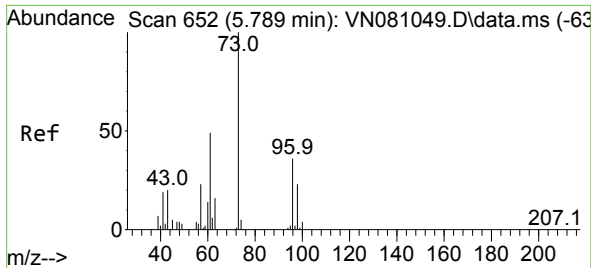
Tgt Ion: 73 Resp: 77863
Ion Ratio Lower Upper
73 100
57 26.6 18.2 27.4



#20
Methylene Chloride
Concen: 4.827 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion: 84 Resp: 26650
Ion Ratio Lower Upper
84 100
49 90.2 108.1 162.1#
51 43.5 32.9 49.3
86 72.2 48.6 73.0

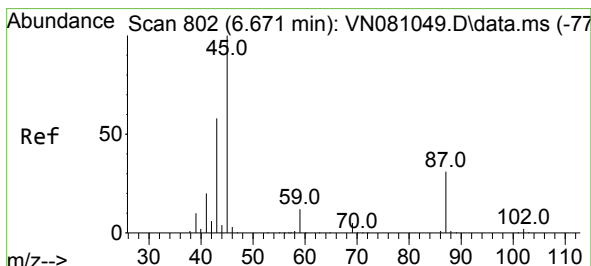
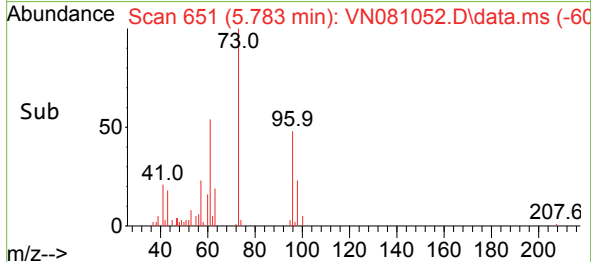
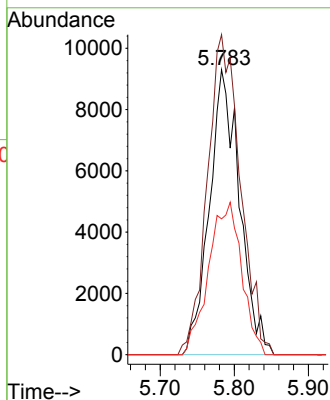
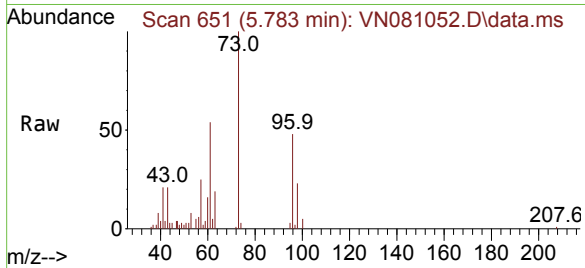




#21
trans-1,2-Dichloroethene
Concen: 5.531 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

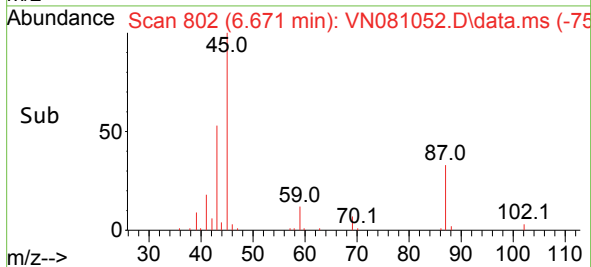
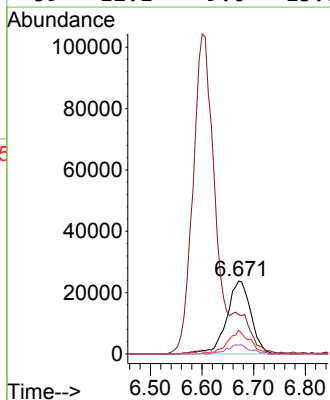
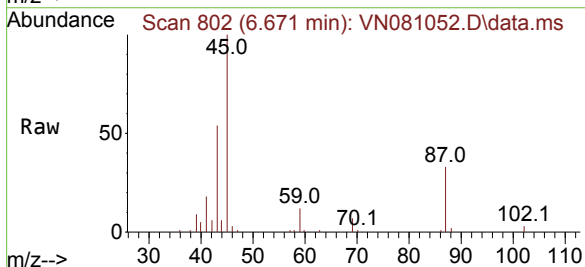
Instrument :
MSVOA_N
ClientSampleId :
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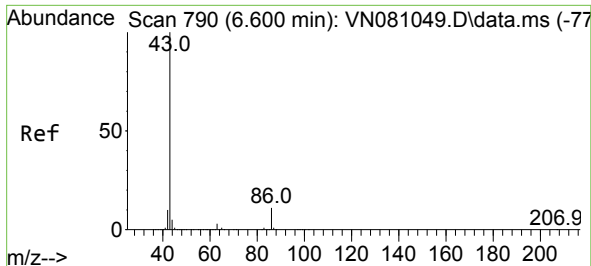
Tgt Ion: 96 Resp: 26303
Ion Ratio Lower Upper
96 100
61 112.3 112.8 169.2#
98 47.7 51.0 76.4#



#22
Diisopropyl ether
Concen: 5.402 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion: 45 Resp: 77500
Ion Ratio Lower Upper
45 100
43 52.4 41.8 62.8
87 32.6 18.1 27.1#
59 12.1 9.0 13.6

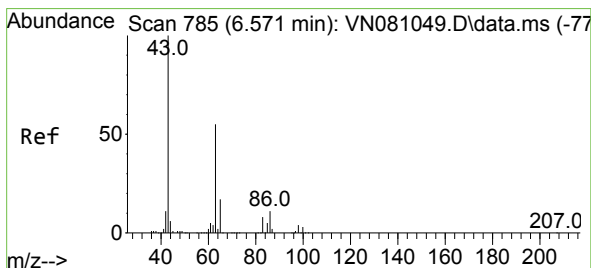
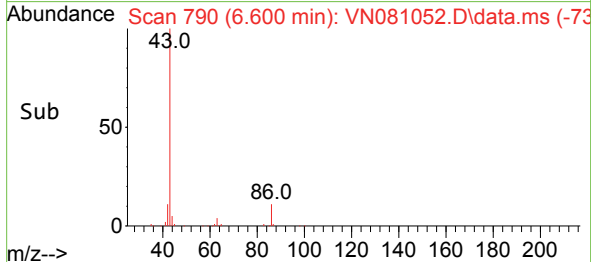
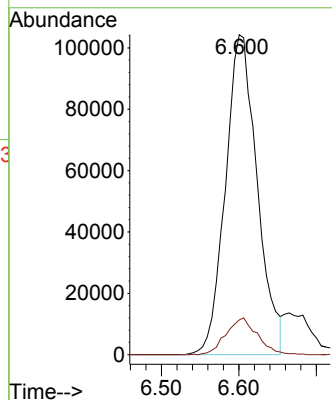
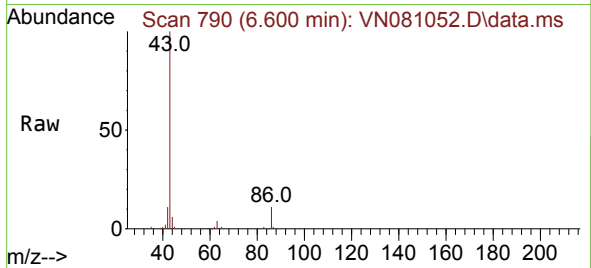




#23
 Vinyl Acetate
 Concen: 25.622 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081052.D
 Acq: 16 Feb 2024 13:18

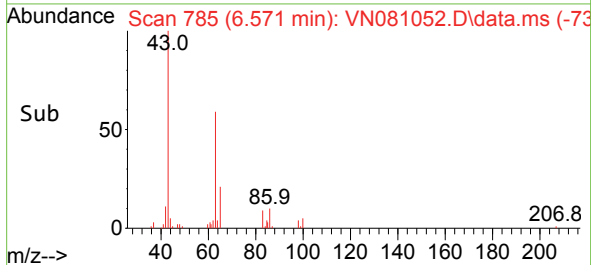
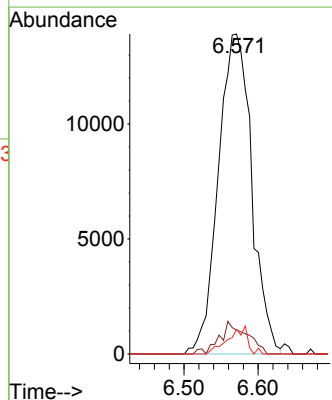
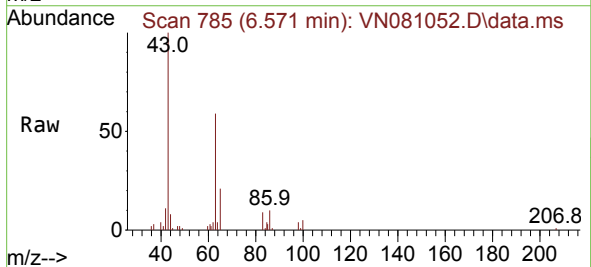
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

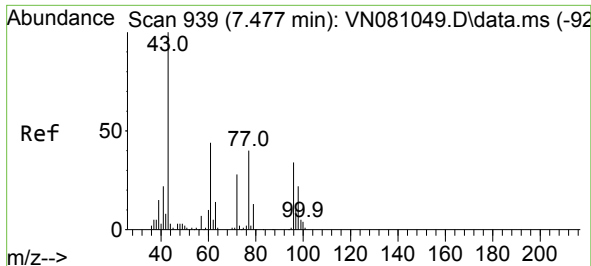
Tgt Ion: 43 Resp: 298247
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 5.238 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081052.D
 Acq: 16 Feb 2024 13:18

Tgt Ion: 63 Resp: 43456
 Ion Ratio Lower Upper
 63 100
 98 7.5 2.9 8.6
 100 7.7 1.9 5.7#

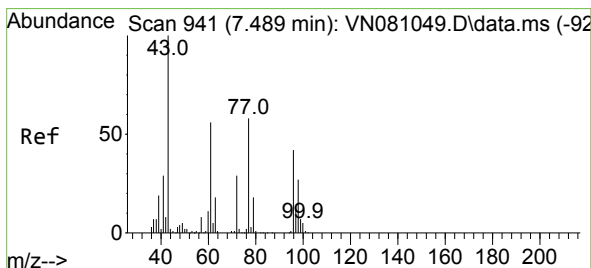
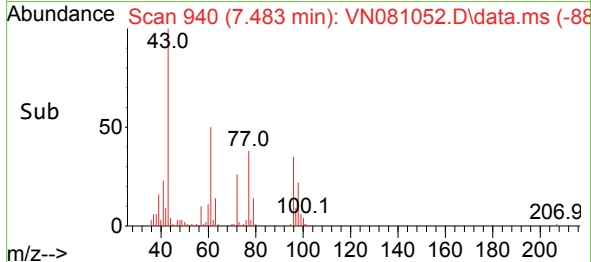
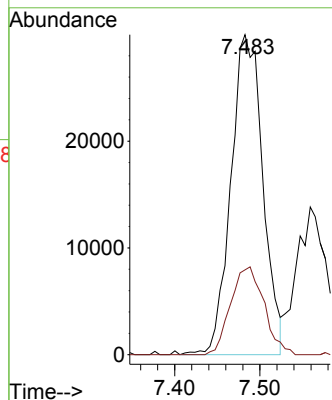
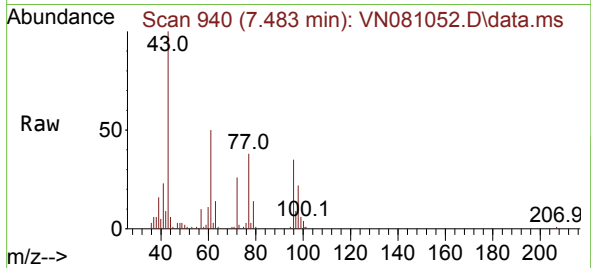




#25
2-Butanone
Concen: 26.596 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

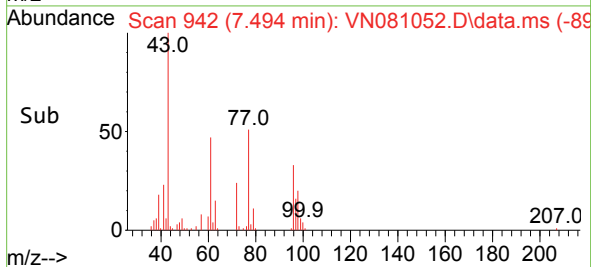
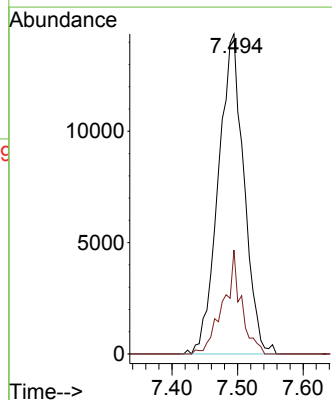
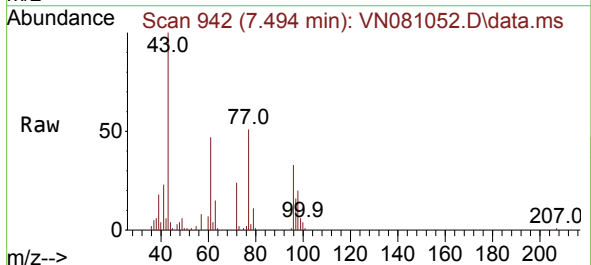
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

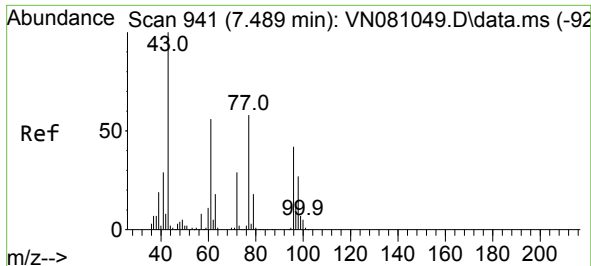
Tgt Ion: 43 Resp: 78111
Ion Ratio Lower Upper
43 100
72 26.5 19.5 29.3



#26
2,2-Dichloropropane
Concen: 5.002 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion: 77 Resp: 38879
Ion Ratio Lower Upper
77 100
97 23.0 11.5 34.5

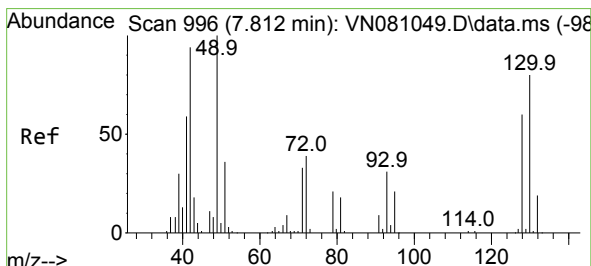
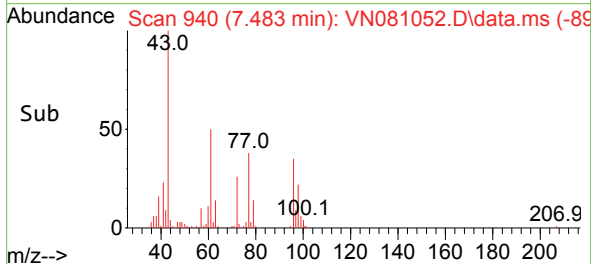
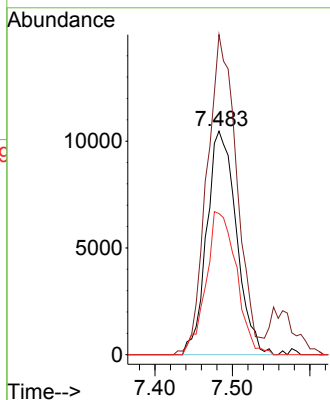
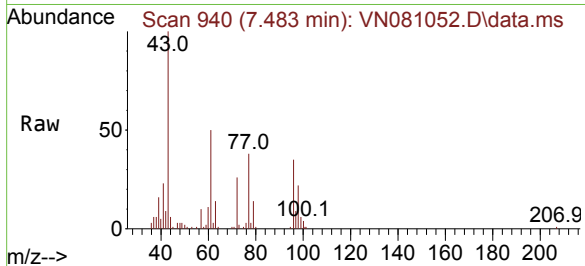




#27
 cis-1,2-Dichloroethene
 Concen: 5.044 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081052.D
 Acq: 16 Feb 2024 13:18

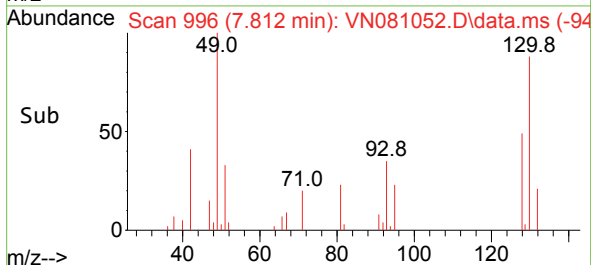
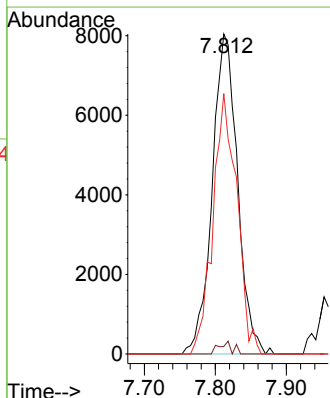
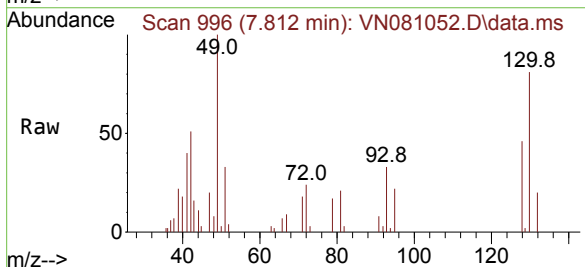
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

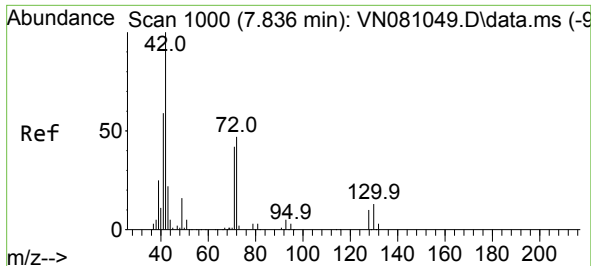
Tgt Ion: 96 Resp: 27870
 Ion Ratio Lower Upper
 96 100
 61 144.8 0.0 325.4
 98 65.6 0.0 130.4



#28
 Bromochloromethane
 Concen: 5.782 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN081052.D
 Acq: 16 Feb 2024 13:18

Tgt Ion: 49 Resp: 19885
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 1.6#
 130 77.1 42.3 63.5#

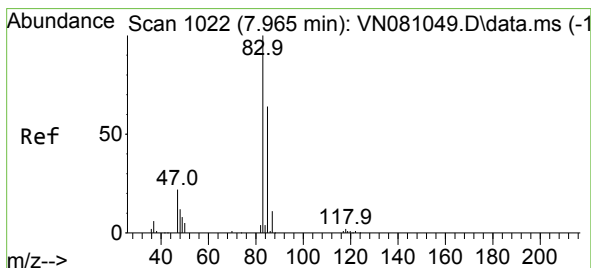
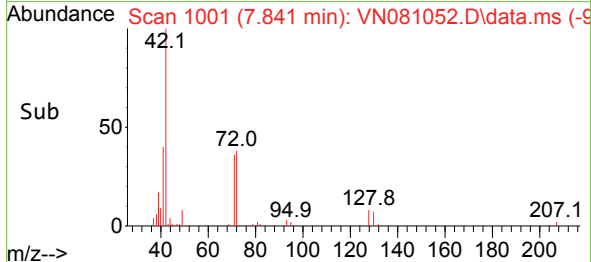
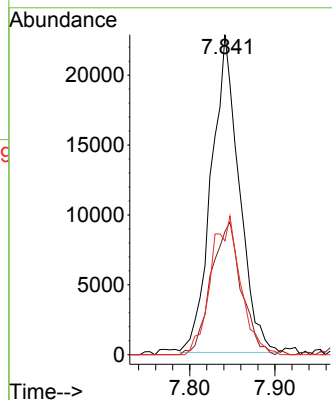
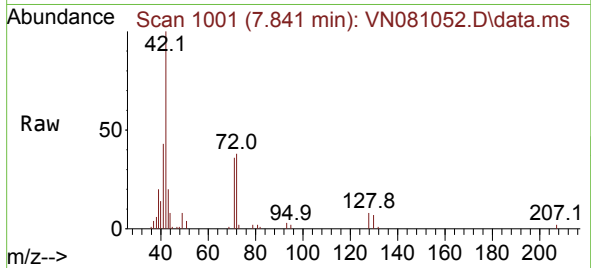




#29
Tetrahydrofuran
Concen: 26.289 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

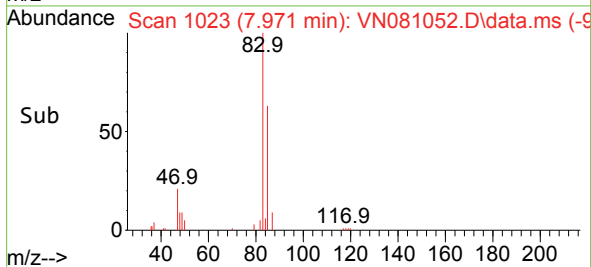
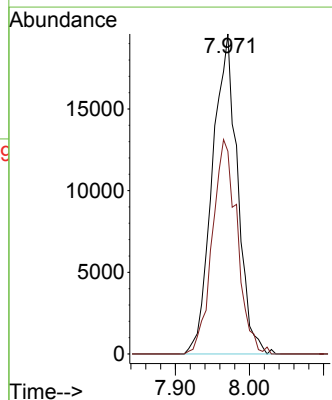
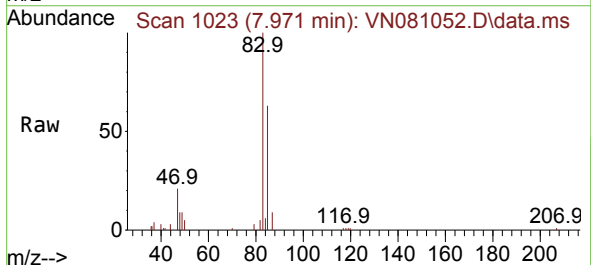
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

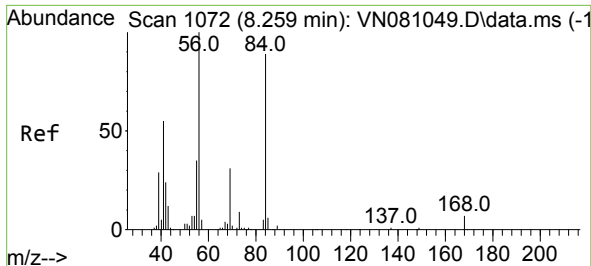
Tgt Ion:	42	Resp:	51540
Ion Ratio	Lower	Upper	
42	100		
72	45.3	31.1	46.7
71	46.6	28.3	42.5#



#30
Chloroform
Concen: 5.226 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion:	83	Resp:	46086
Ion Ratio	Lower	Upper	
83	100		
85	63.3	51.0	76.6

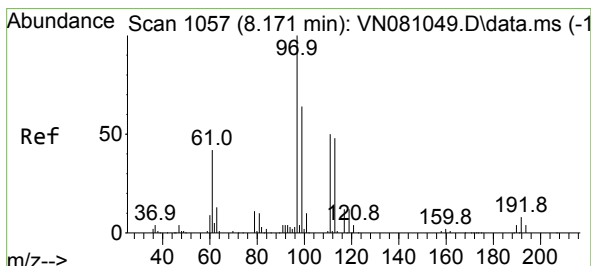
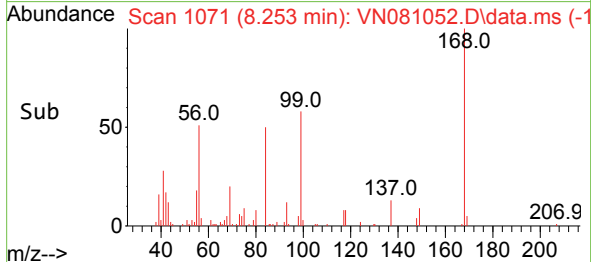
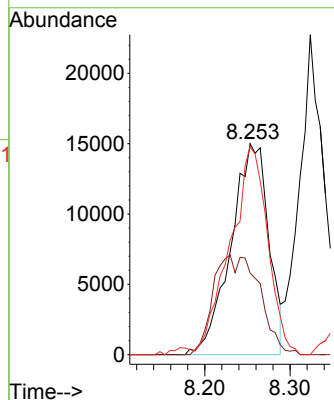
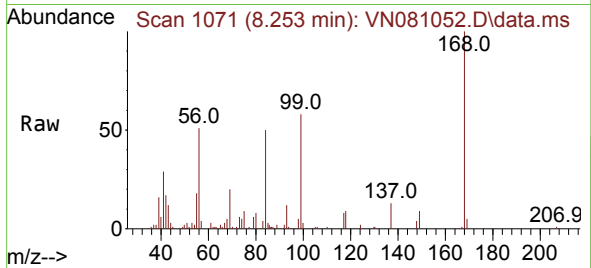




#31
Cyclohexane
Concen: 5.807 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

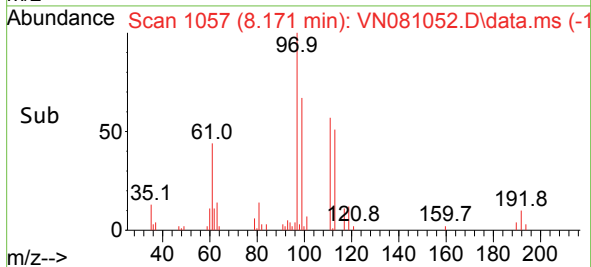
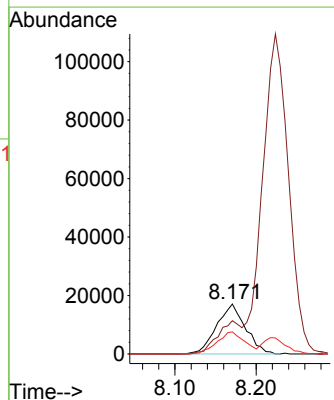
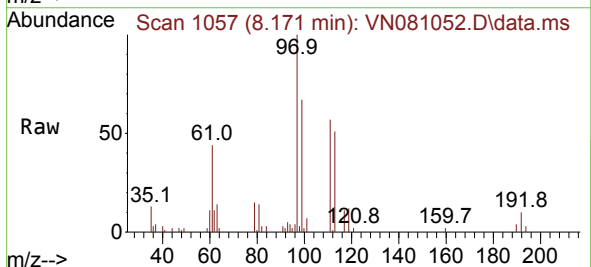
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

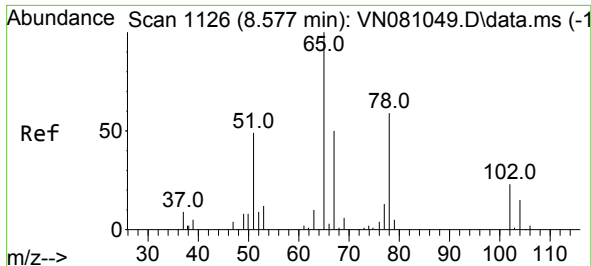
Tgt Ion: 56 Resp: 46324
Ion Ratio Lower Upper
56 100
69 38.7 20.1 30.1#
84 95.2 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 5.243 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion: 97 Resp: 42107
Ion Ratio Lower Upper
97 100
99 54.7 53.4 80.0
61 42.5 43.8 65.8#





#33

1,2-Dichloroethane-d4

Concen: 6.265 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081052.D

Acq: 16 Feb 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

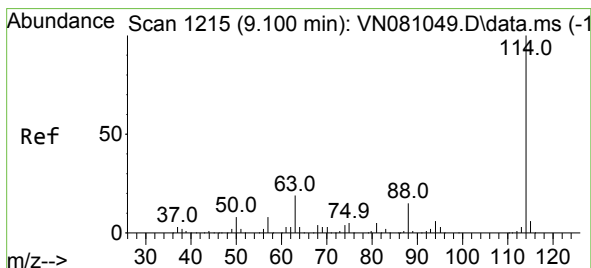
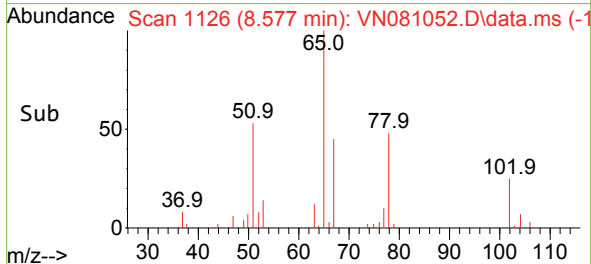
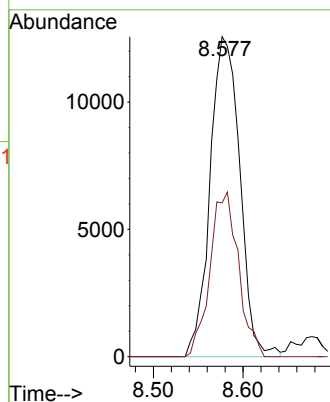
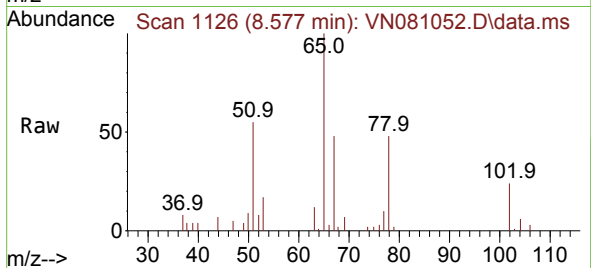
VSTDIC005

Tgt Ion: 65 Resp: 28943

Ion Ratio Lower Upper

65 100

67 49.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081052.D

Acq: 16 Feb 2024 13:18

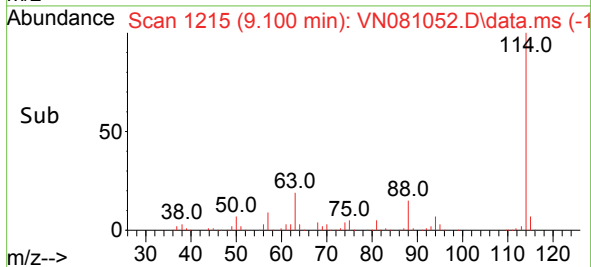
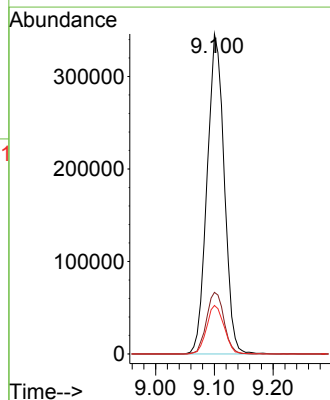
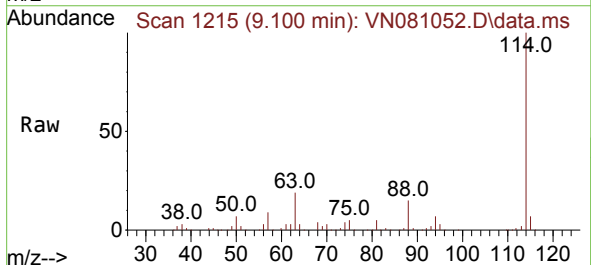
Tgt Ion: 114 Resp: 698365

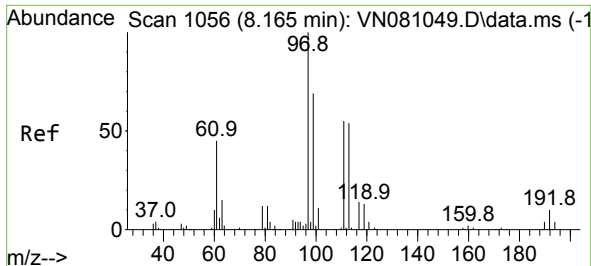
Ion Ratio Lower Upper

114 100

63 19.3 0.0 48.0

88 15.1 0.0 34.8

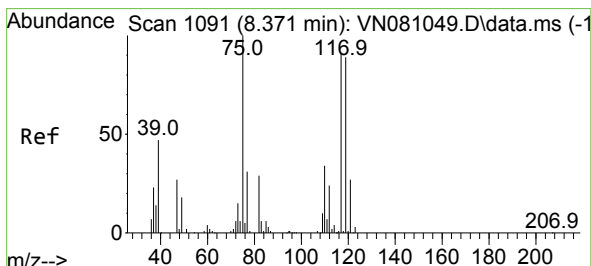
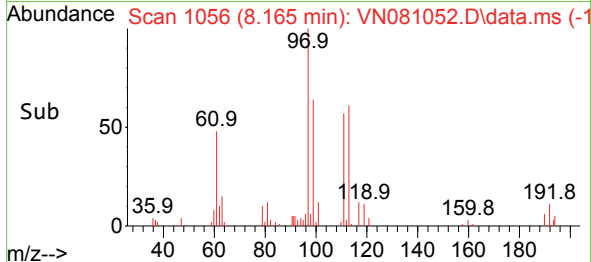
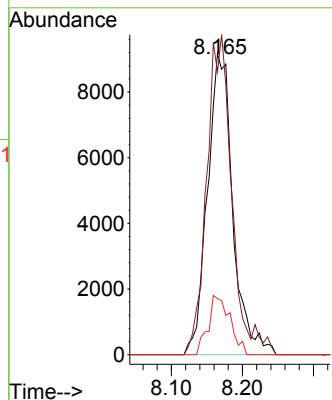
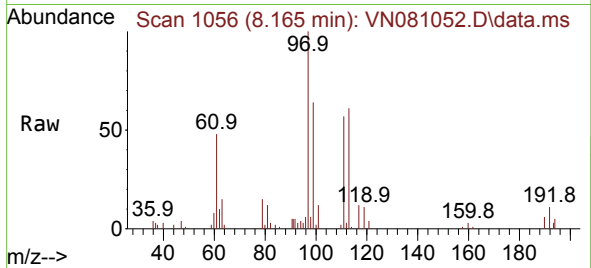




#35
Dibromofluoromethane
Concen: 5.774 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

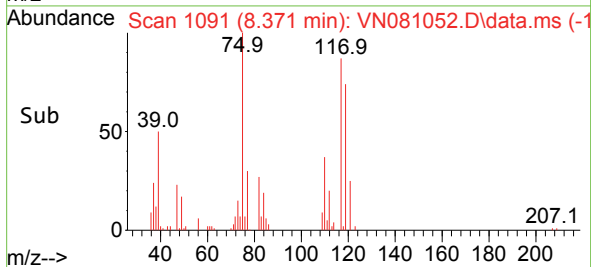
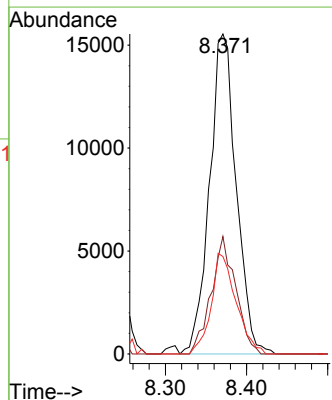
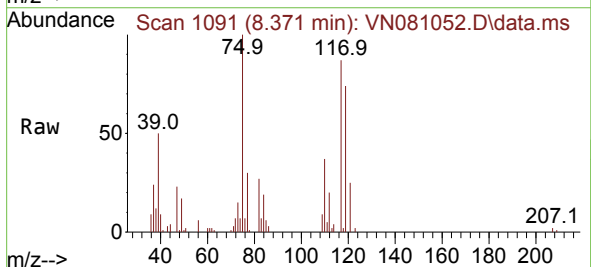
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

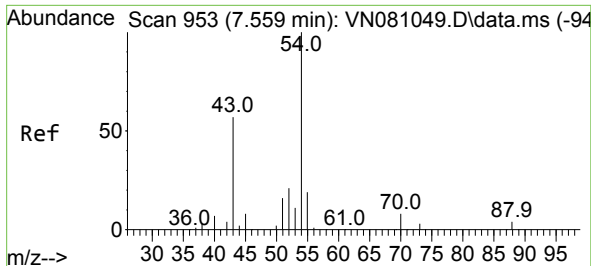
Tgt Ion:113 Resp: 22800
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 16.9 12.5 18.7



#36
1,1-Dichloropropene
Concen: 5.246 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion: 75 Resp: 35495
Ion Ratio Lower Upper
75 100
110 33.7 16.0 48.0
77 29.4 25.8 38.6





#37

Ethyl Acetate

Concen: 5.484 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN081052.D

Acq: 16 Feb 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

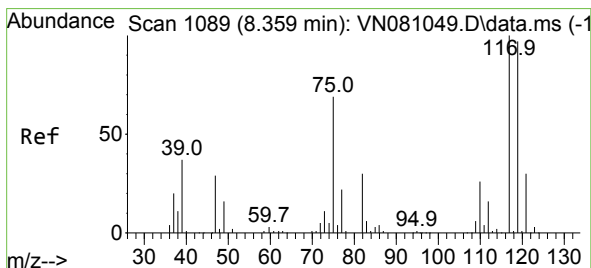
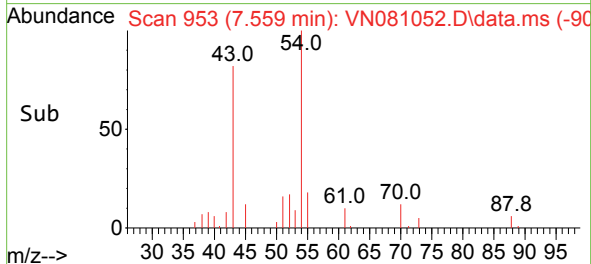
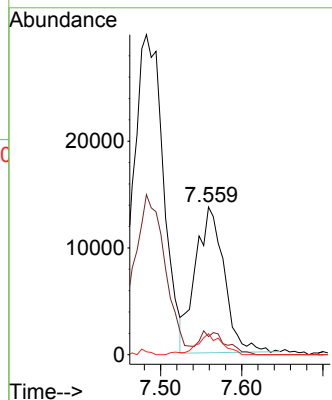
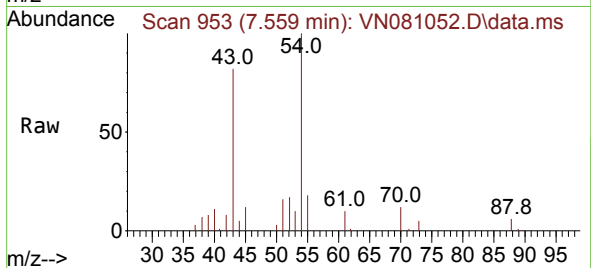
Tgt Ion: 43 Resp: 33483

Ion Ratio Lower Upper

43 100

61 14.1 10.6 15.8

70 12.6 8.0 12.0#



#38

Carbon Tetrachloride

Concen: 5.227 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN081052.D

Acq: 16 Feb 2024 13:18

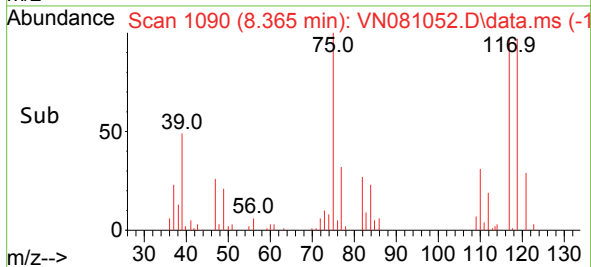
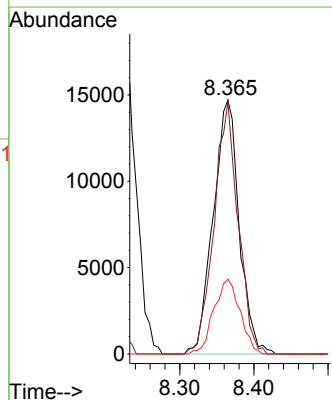
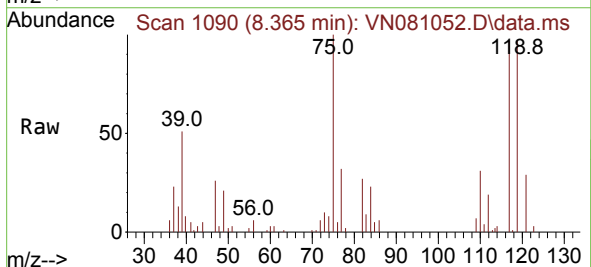
Tgt Ion: 117 Resp: 35776

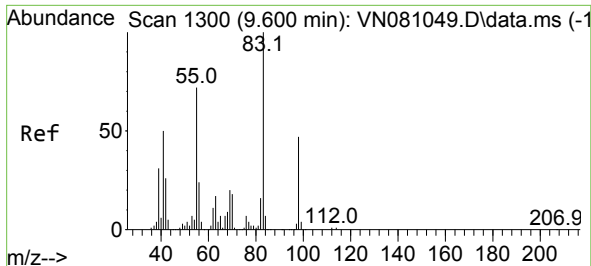
Ion Ratio Lower Upper

117 100

119 99.2 73.4 110.2

121 29.4 24.4 36.6





#39

Methylcyclohexane

Concen: 5.132 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081052.D

Acq: 16 Feb 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

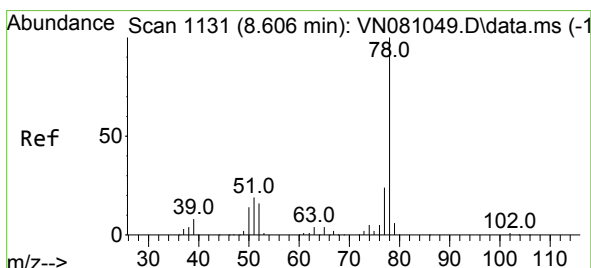
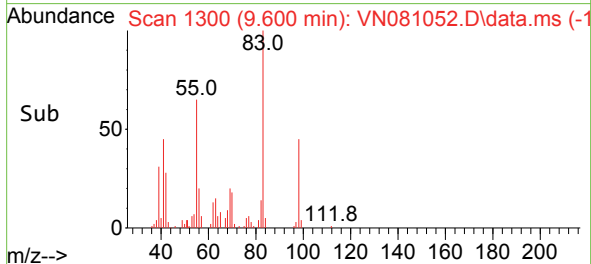
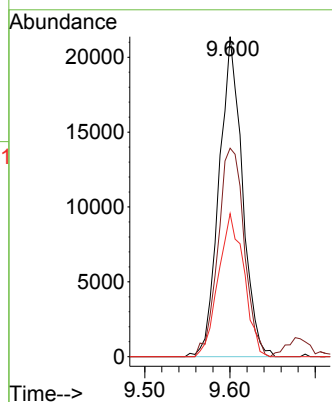
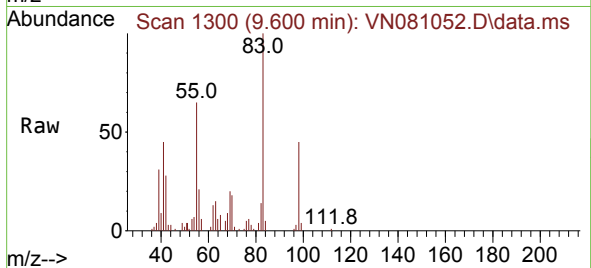
Tgt Ion: 83 Resp: 40472

Ion Ratio Lower Upper

83 100

55 65.2 65.7 98.5#

98 44.7 33.8 50.6



#40

Benzene

Concen: 5.049 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081052.D

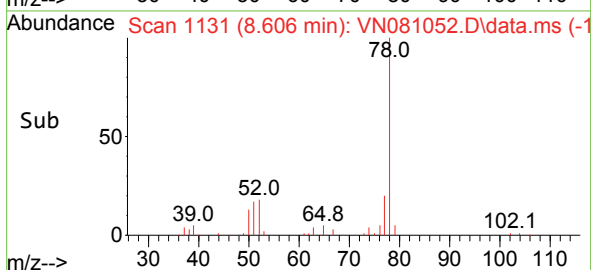
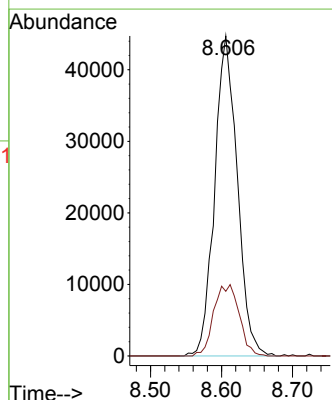
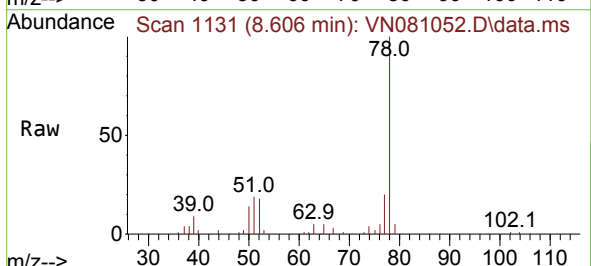
Acq: 16 Feb 2024 13:18

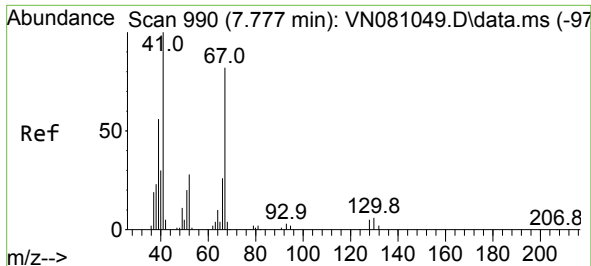
Tgt Ion: 78 Resp: 98883

Ion Ratio Lower Upper

78 100

77 20.2 20.4 30.6#

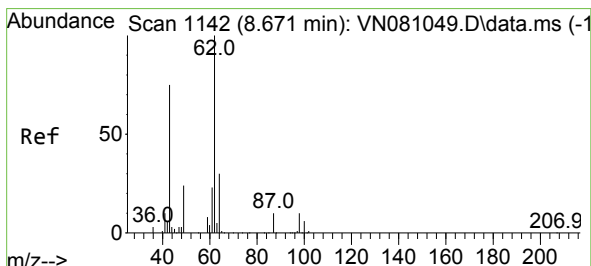
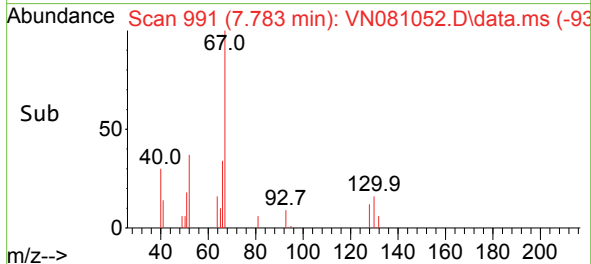
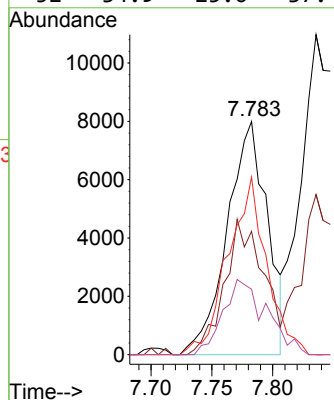
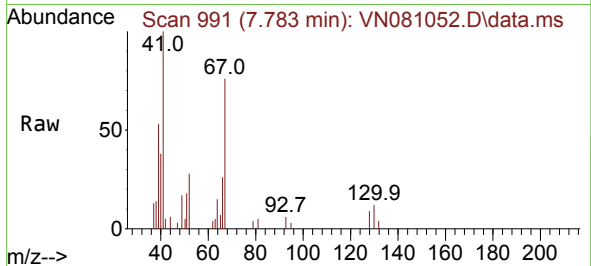




#41
Methacrylonitrile
Concen: 5.281 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

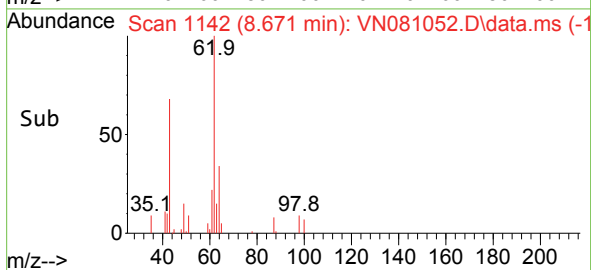
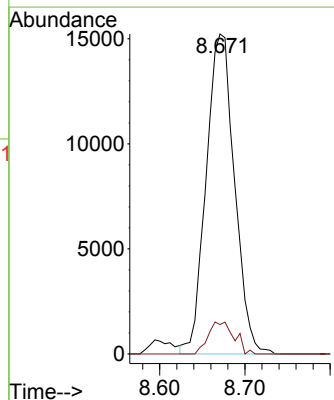
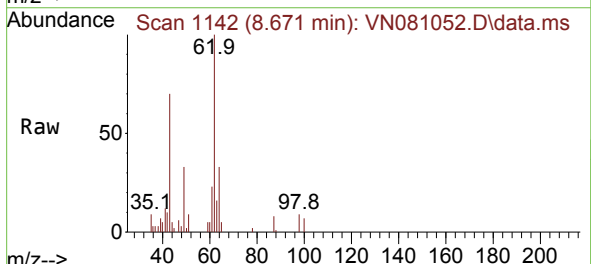
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

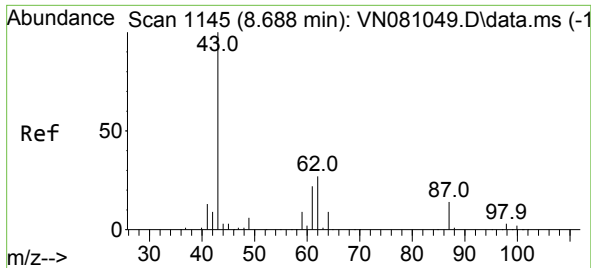
Tgt Ion:	41	Resp:	18351
Ion	Ratio	Lower	Upper
41	100		
39	56.3	48.4	72.6
67	73.3	56.8	85.2
52	34.9	25.0	37.4



#42
1,2-Dichloroethane
Concen: 5.166 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion:	62	Resp:	35292
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.0

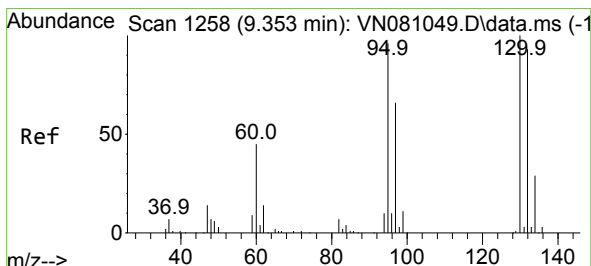
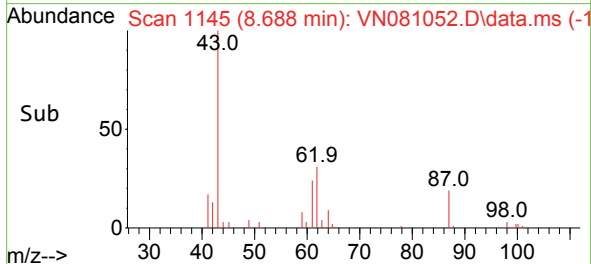
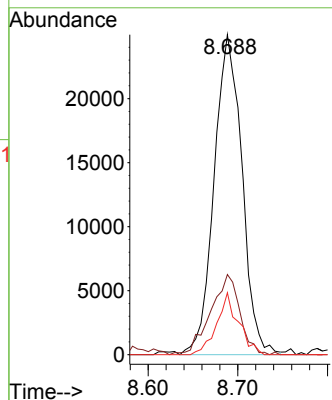
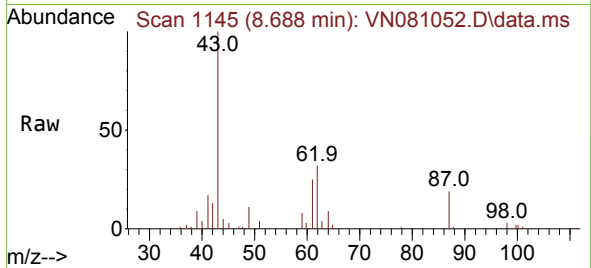




#43
Isopropyl Acetate
Concen: 5.049 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

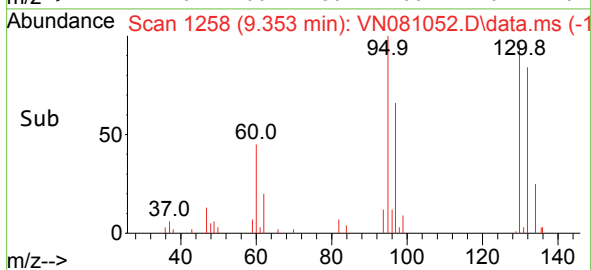
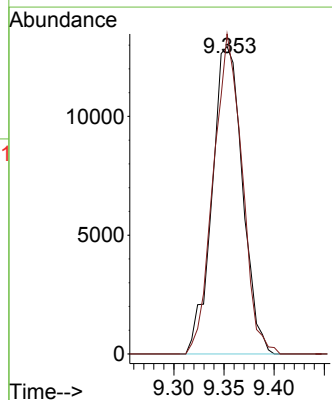
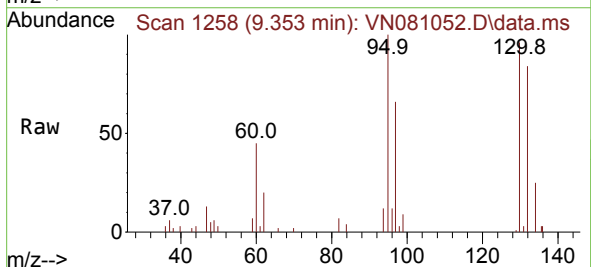
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

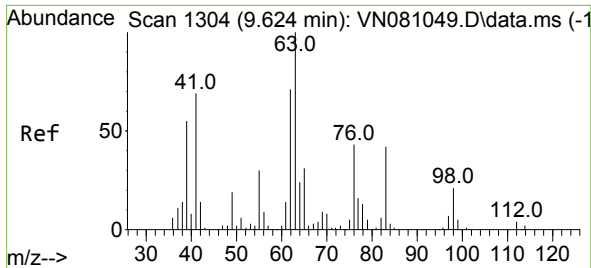
Tgt Ion: 43 Resp: 53918
Ion Ratio Lower Upper
43 100
61 26.3 19.9 29.9
87 15.1 9.0 13.6#



#44
Trichloroethene
Concen: 5.246 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion:130 Resp: 27364
Ion Ratio Lower Upper
130 100
95 104.0 0.0 210.4





#45

1,2-Dichloropropane

Concen: 5.027 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081052.D

Acq: 16 Feb 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

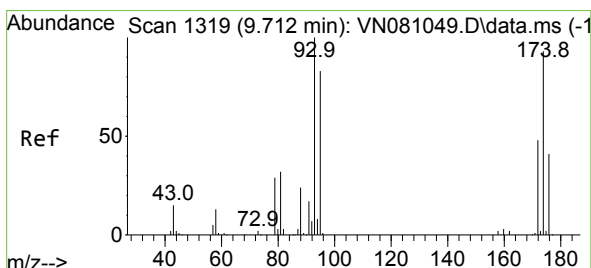
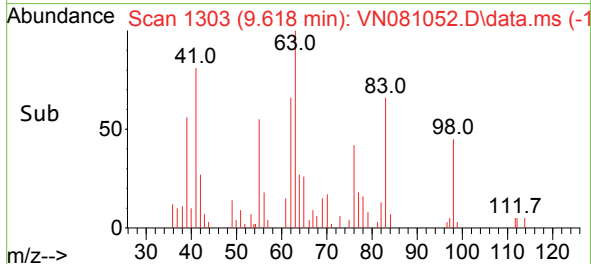
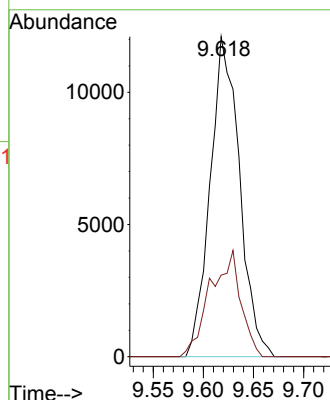
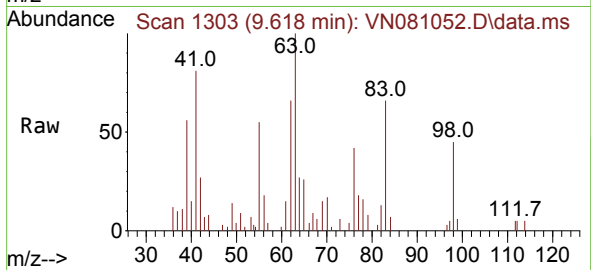
VSTDIC005

Tgt Ion: 63 Resp: 24626

Ion Ratio Lower Upper

63 100

65 25.5 26.1 39.1#



#46

Dibromomethane

Concen: 5.201 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081052.D

Acq: 16 Feb 2024 13:18

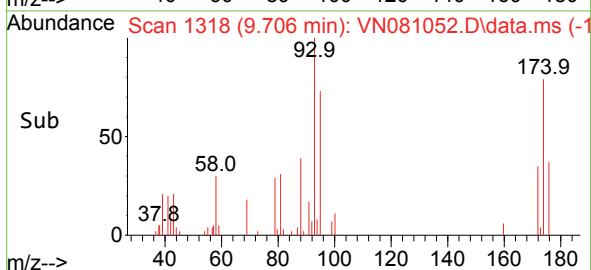
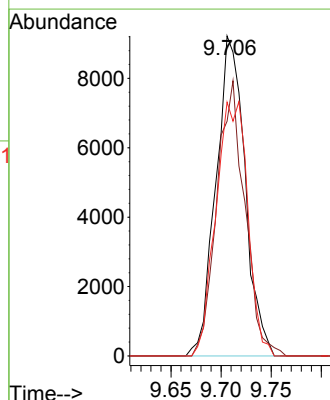
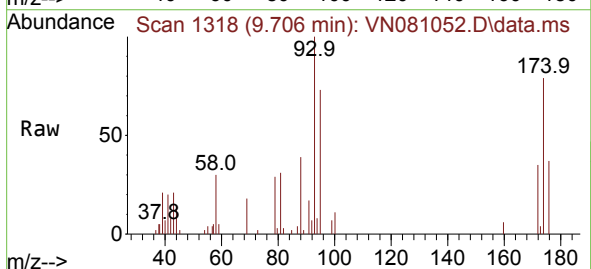
Tgt Ion: 93 Resp: 18564

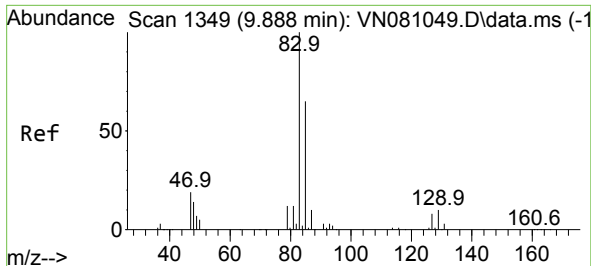
Ion Ratio Lower Upper

93 100

95 83.1 68.1 102.1

174 87.0 57.2 85.8#

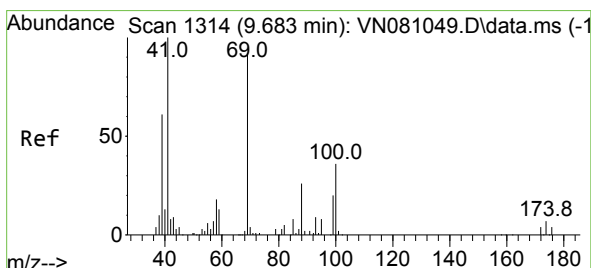
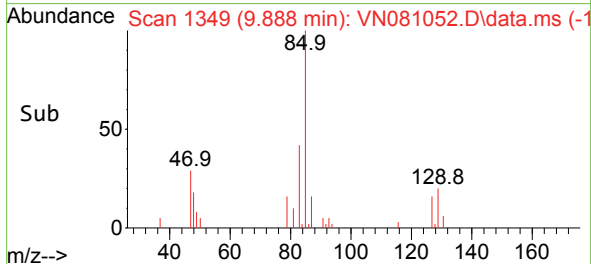
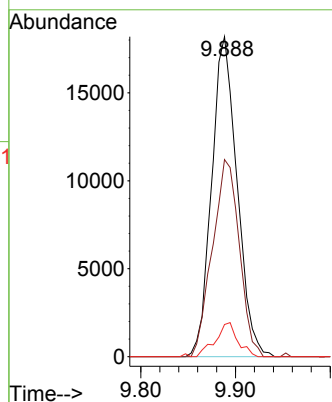
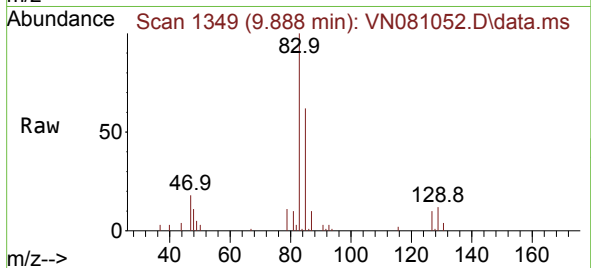




#47
Bromodichloromethane
Concen: 5.006 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

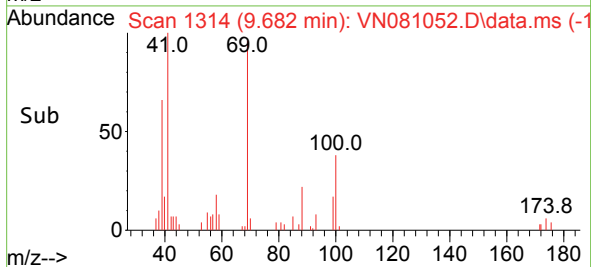
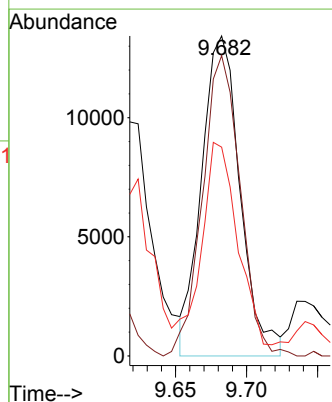
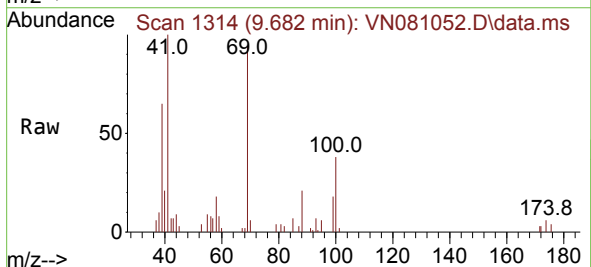
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

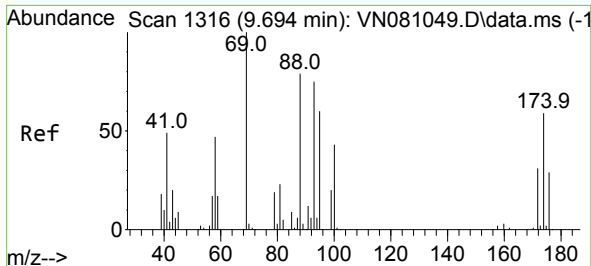
Tgt Ion: 83 Resp: 33838
Ion Ratio Lower Upper
83 100
85 61.6 52.3 78.5
127 10.1 4.6 7.0#



#48
Methyl methacrylate
Concen: 5.102 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion: 41 Resp: 25353
Ion Ratio Lower Upper
41 100
69 91.9 62.2 93.2
39 65.7 47.6 71.4





#49

1,4-Dioxane

Concen: 87.073 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081052.D

Acq: 16 Feb 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

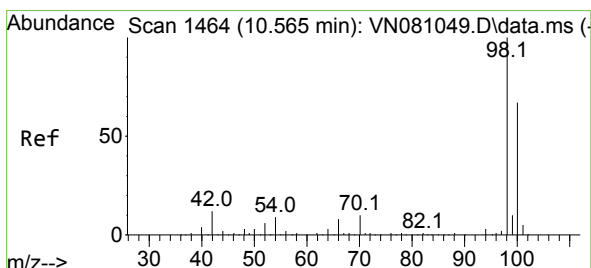
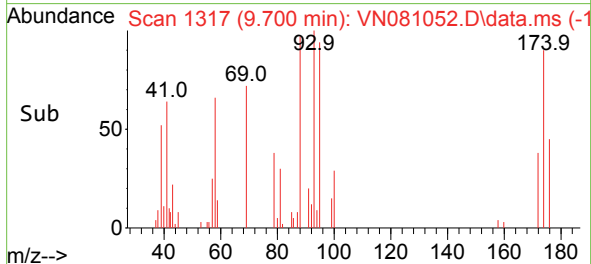
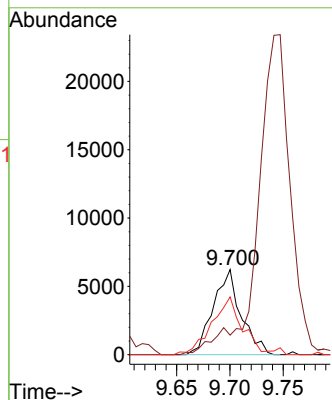
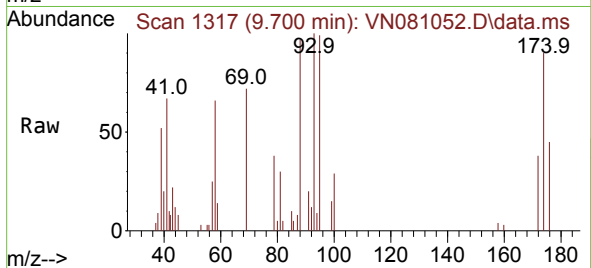
Tgt Ion: 88 Resp: 11295

Ion Ratio Lower Upper

88 100

43 23.2 30.1 45.1#

58 74.1 63.9 95.9



#50

Toluene-d8

Concen: 6.155 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081052.D

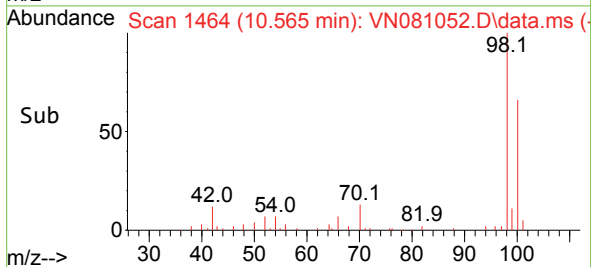
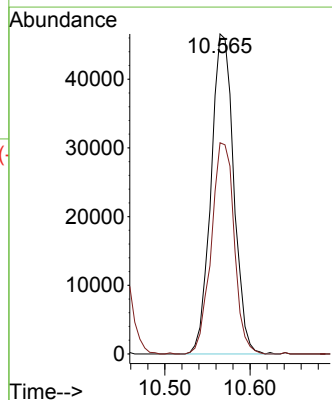
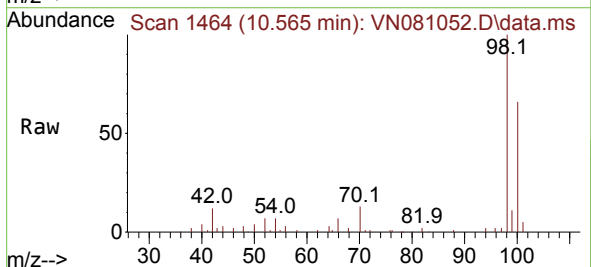
Acq: 16 Feb 2024 13:18

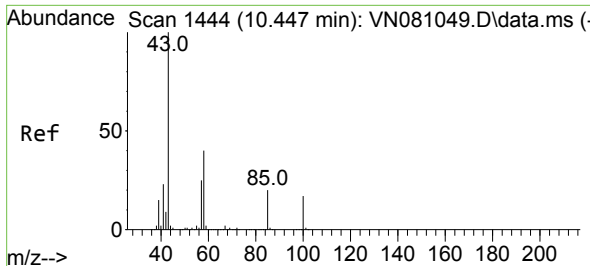
Tgt Ion: 98 Resp: 86331

Ion Ratio Lower Upper

98 100

100 66.4 51.4 77.0

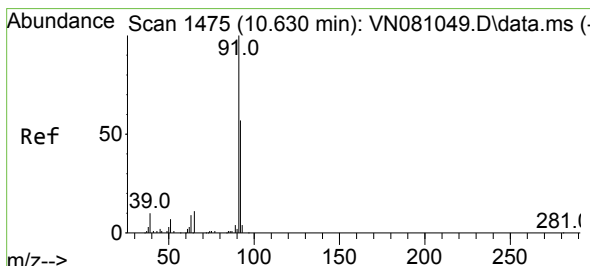
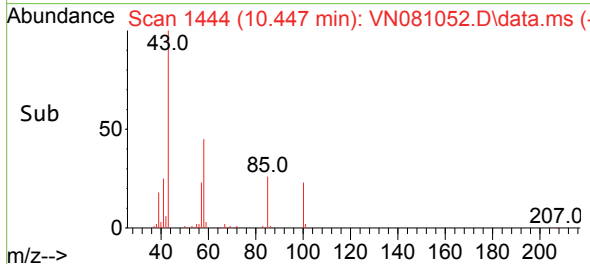
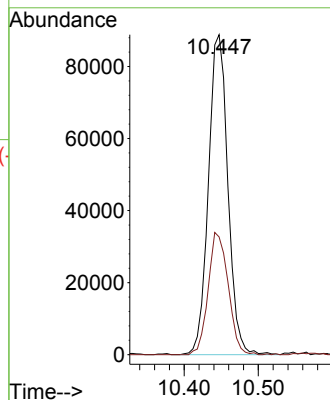
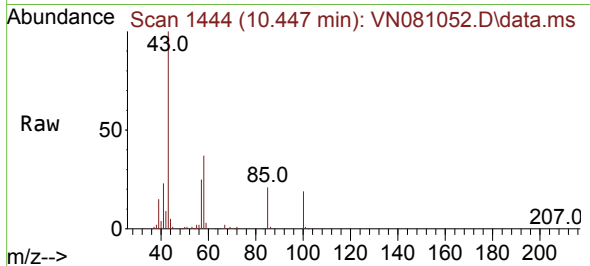




#51
4-Methyl-2-Pentanone
Concen: 26.341 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

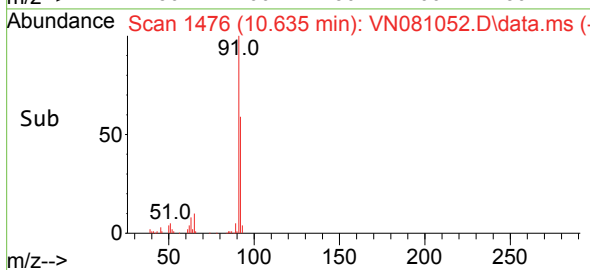
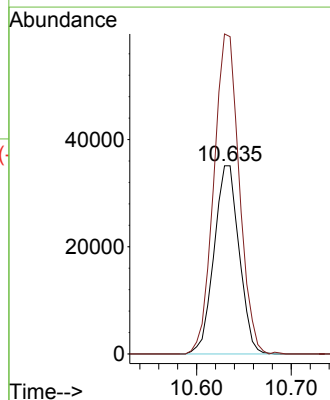
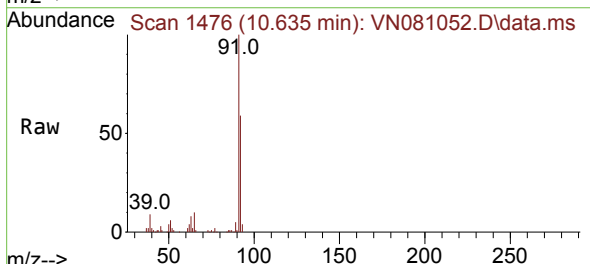
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

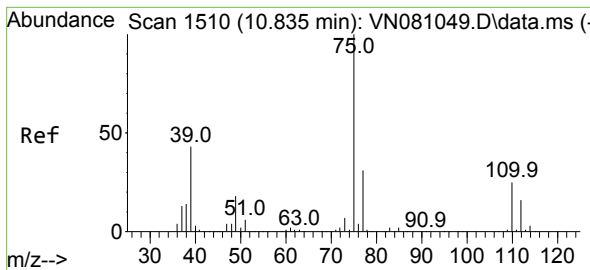
Tgt Ion: 43 Resp: 161816
Ion Ratio Lower Upper
43 100
58 39.2 29.4 44.0



#52
Toluene
Concen: 5.209 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion: 92 Resp: 64578
Ion Ratio Lower Upper
92 100
91 172.5 139.4 209.0

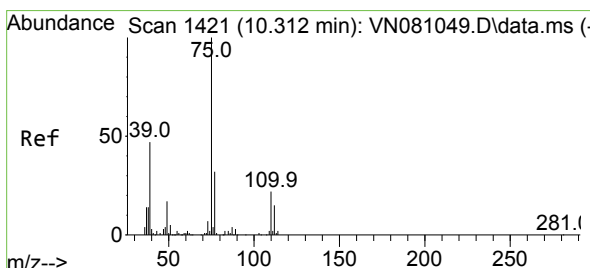
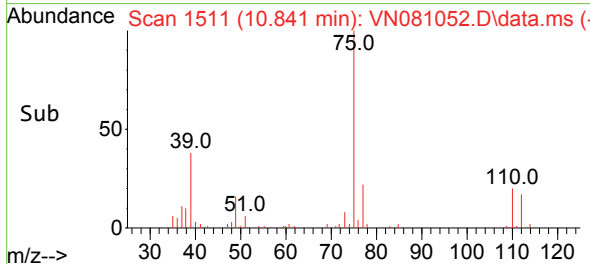
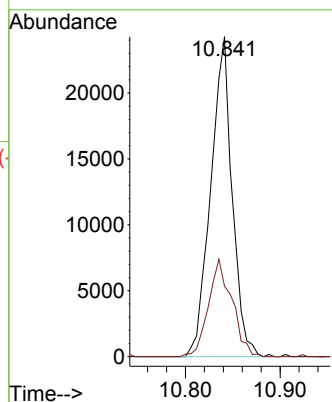
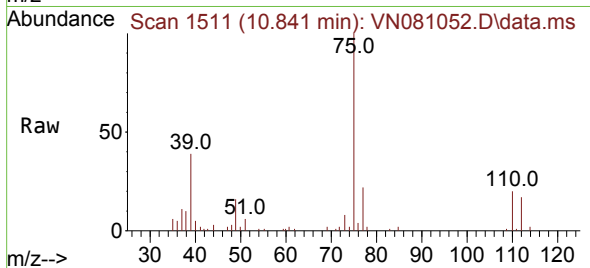




#53
 t-1,3-Dichloropropene
 Concen: 5.075 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN081052.D
 Acq: 16 Feb 2024 13:18

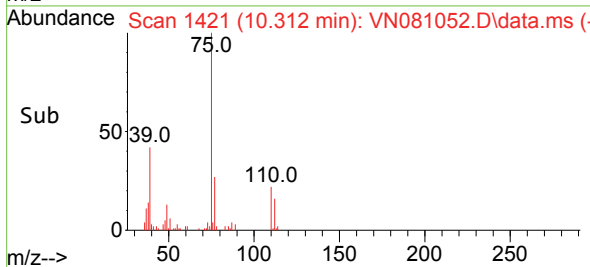
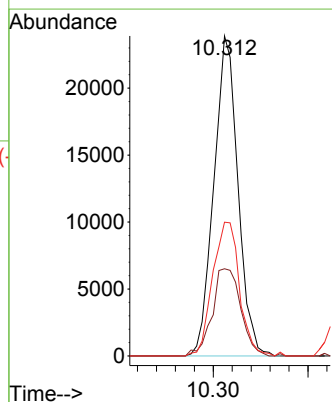
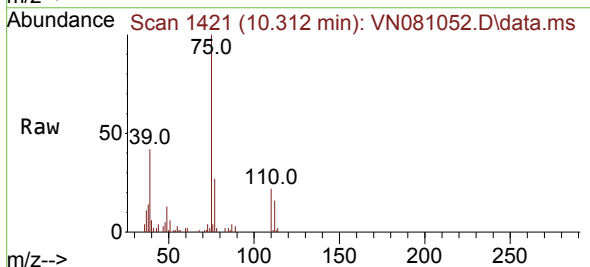
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

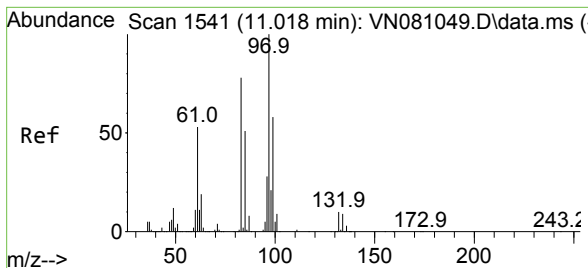
Tgt Ion: 75 Resp: 38119
 Ion Ratio Lower Upper
 75 100
 77 22.1 25.5 38.3#



#54
 cis-1,3-Dichloropropene
 Concen: 5.190 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081052.D
 Acq: 16 Feb 2024 13:18

Tgt Ion: 75 Resp: 42126
 Ion Ratio Lower Upper
 75 100
 77 27.3 23.3 34.9
 39 41.8 44.6 66.8#



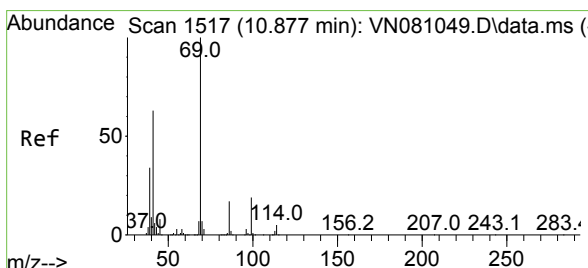
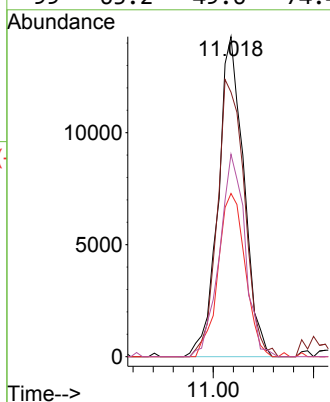
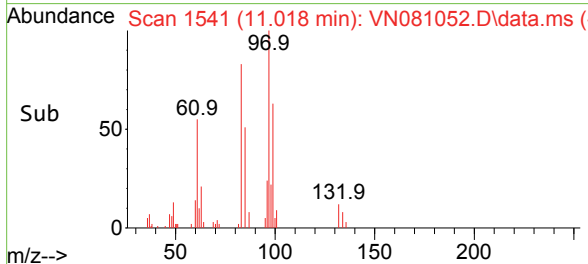
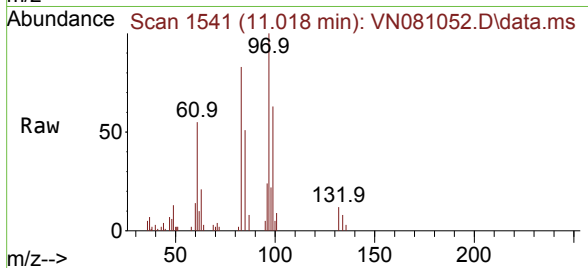


#55
1,1,2-Trichloroethane
Concen: 5.315 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 97 Resp: 25344

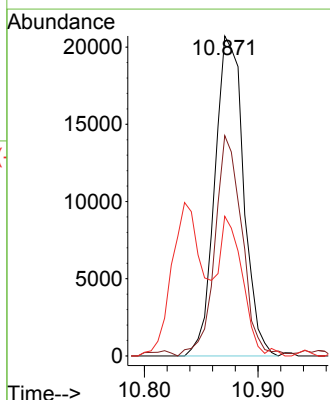
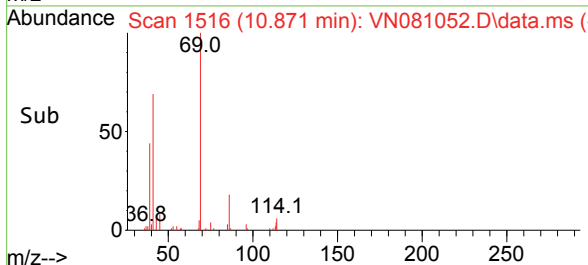
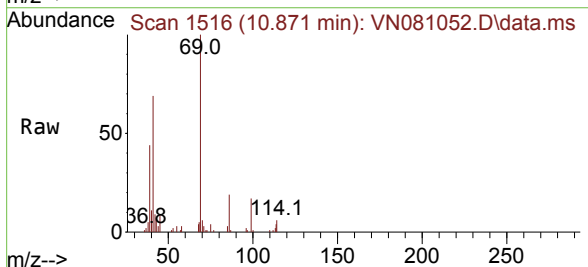
Ion	Ratio	Lower	Upper
97	100		
83	82.6	72.9	109.3
85	51.0	50.2	75.2
99	63.2	49.6	74.4

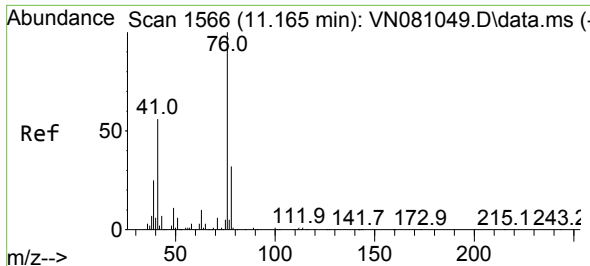


#56
Ethyl methacrylate
Concen: 5.000 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion: 69 Resp: 36439

Ion	Ratio	Lower	Upper
69	100		
41	65.1	61.0	91.6
39	36.2	31.8	47.6





#57

1,3-Dichloropropane

Concen: 5.011 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081052.D

Acq: 16 Feb 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

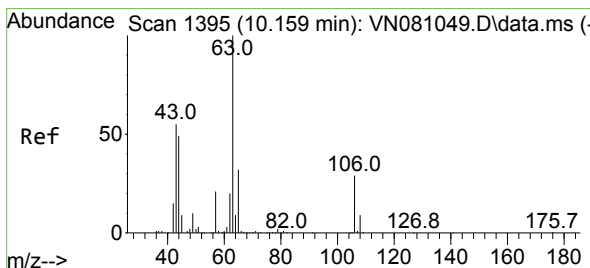
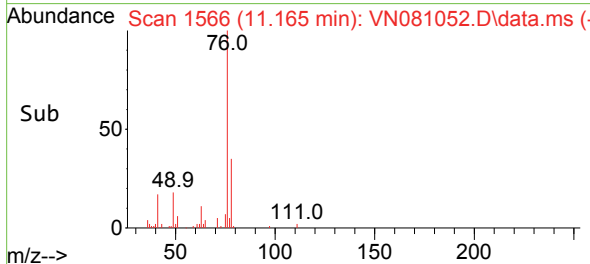
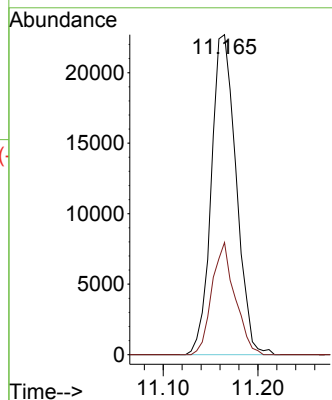
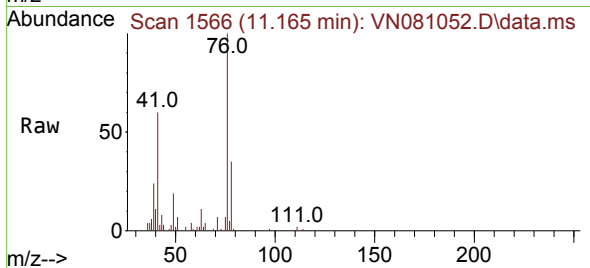
VSTDIC005

Tgt Ion: 76 Resp: 41315

Ion Ratio Lower Upper

76 100

78 32.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 27.575 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081052.D

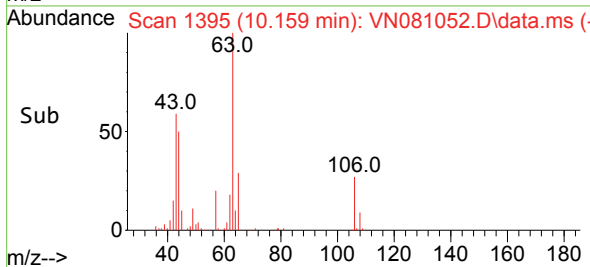
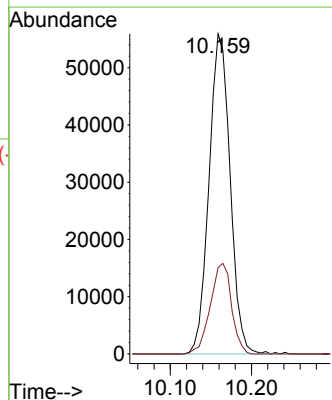
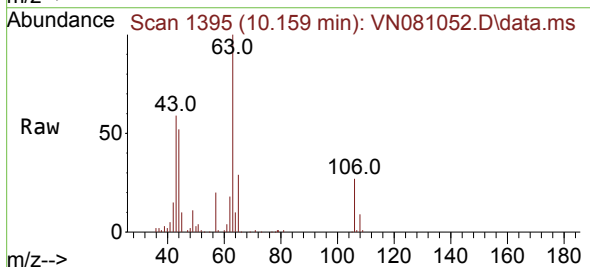
Acq: 16 Feb 2024 13:18

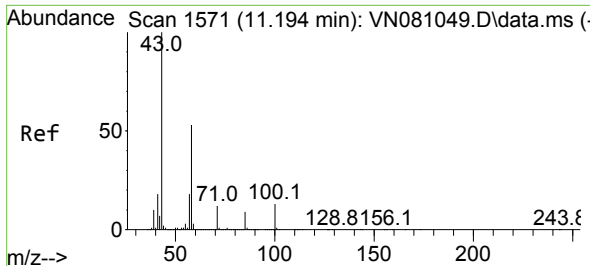
Tgt Ion: 63 Resp: 100826

Ion Ratio Lower Upper

63 100

106 28.4 18.6 28.0#

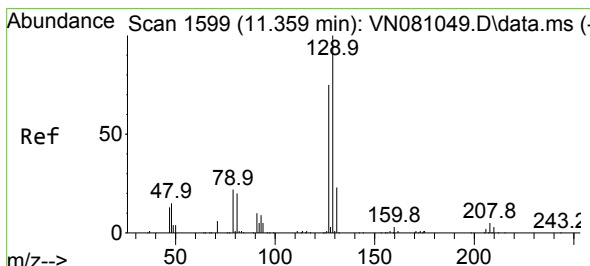
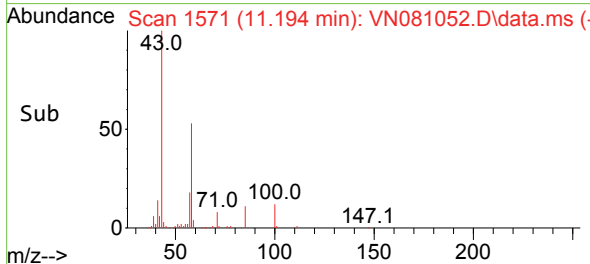
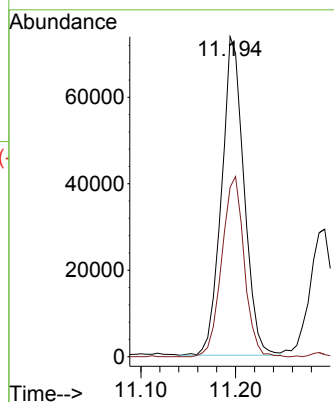
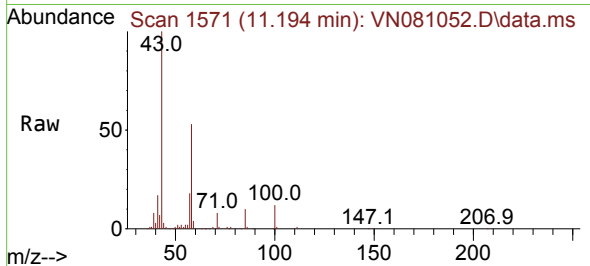




#59
2-Hexanone
Concen: 24.899 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

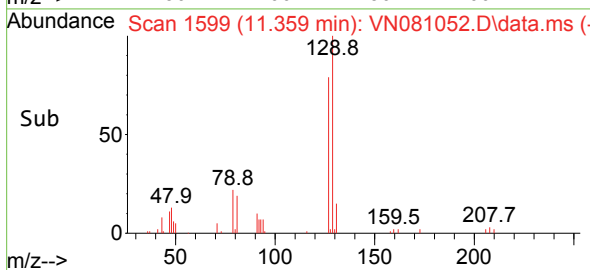
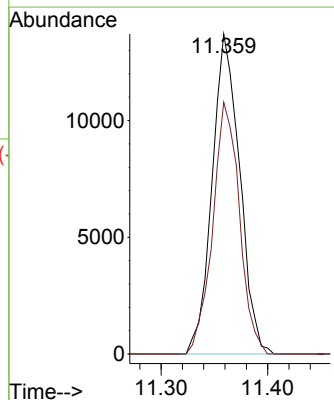
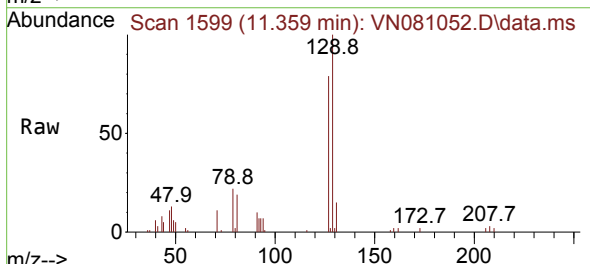
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

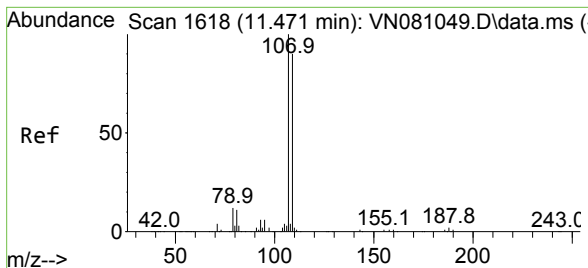
Tgt Ion: 43 Resp: 121262
Ion Ratio Lower Upper
43 100
58 56.5 25.9 77.8



#60
Dibromochloromethane
Concen: 4.864 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion:129 Resp: 24638
Ion Ratio Lower Upper
129 100
127 76.2 39.4 118.2

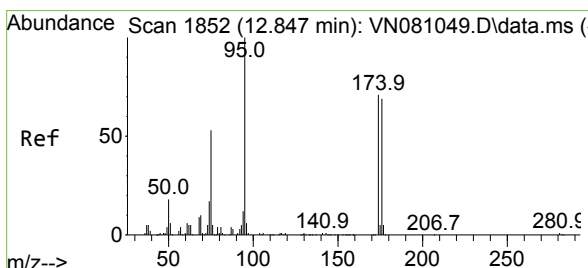
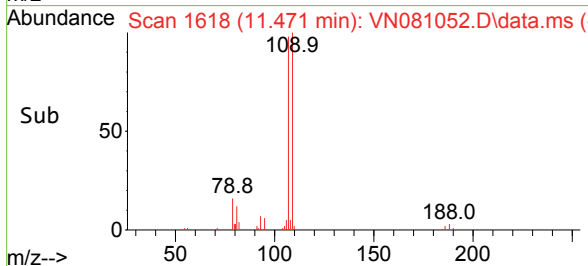
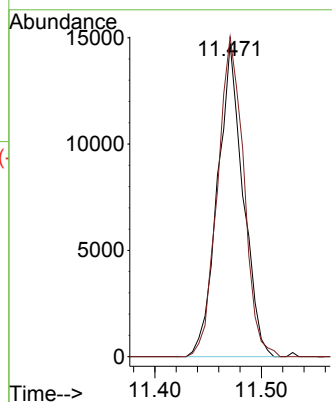
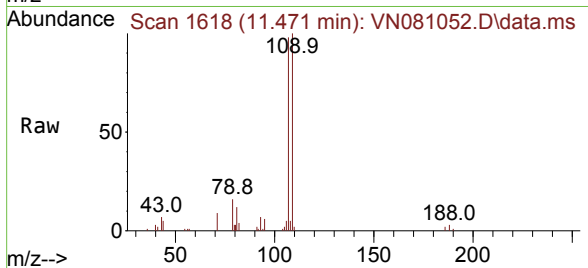




#61
1,2-Dibromoethane
Concen: 4.900 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

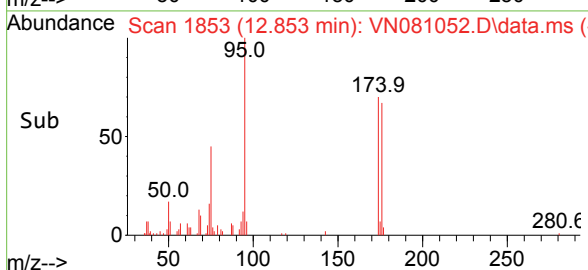
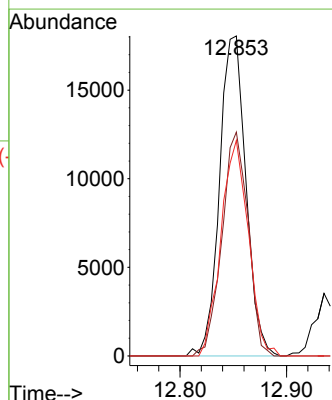
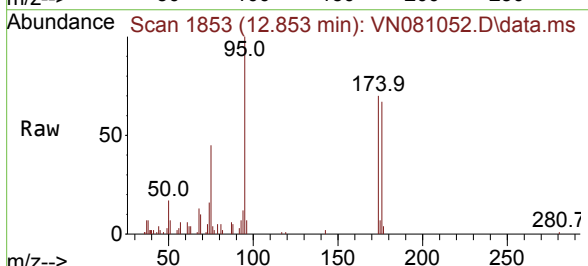
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

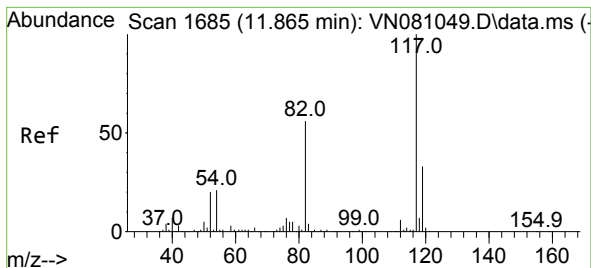
Tgt Ion:107 Resp: 24569
Ion Ratio Lower Upper
107 100
109 104.5 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 5.892 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion: 95 Resp: 31051
Ion Ratio Lower Upper
95 100
174 69.4 0.0 120.4
176 69.9 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081052.D

Acq: 16 Feb 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

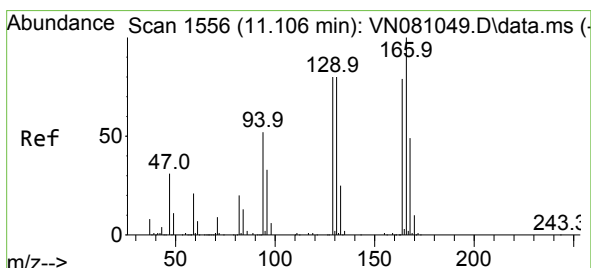
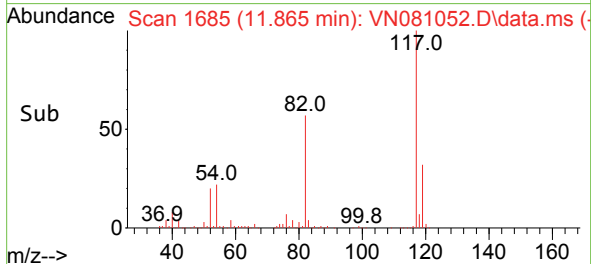
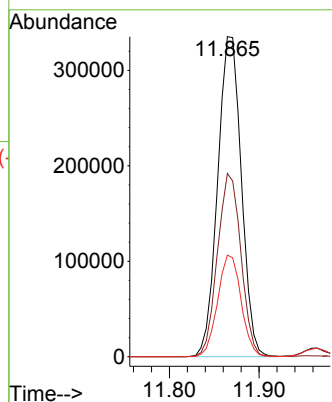
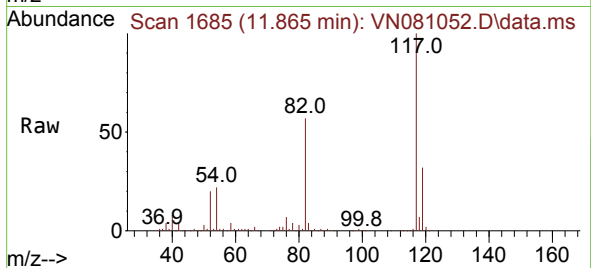
Tgt Ion:117 Resp: 614596

Ion Ratio Lower Upper

117 100

82 57.2 52.7 79.1

119 31.7 25.3 37.9



#64

Tetrachloroethene

Concen: 4.968 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081052.D

Acq: 16 Feb 2024 13:18

Tgt Ion:164 Resp: 20840

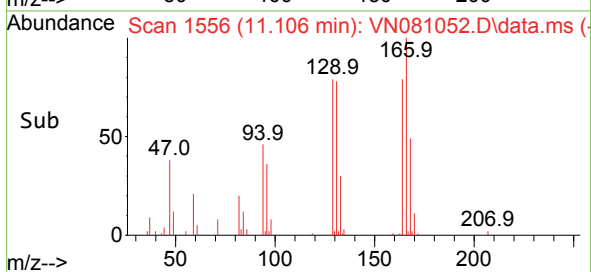
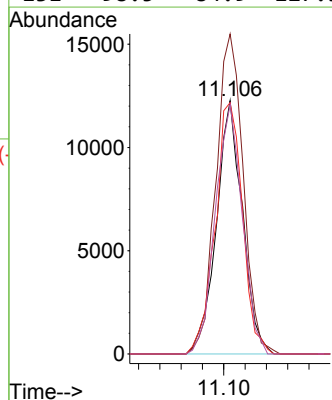
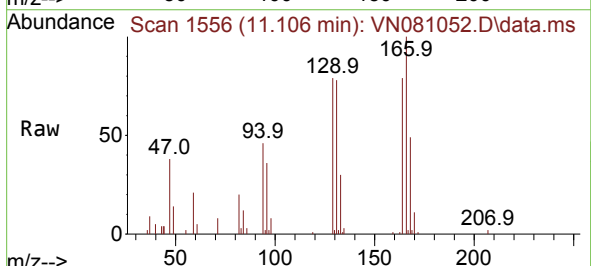
Ion Ratio Lower Upper

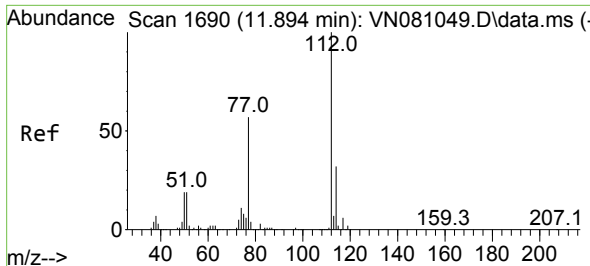
164 100

166 126.4 105.8 158.6

129 99.2 89.6 134.4

131 98.5 84.9 127.3

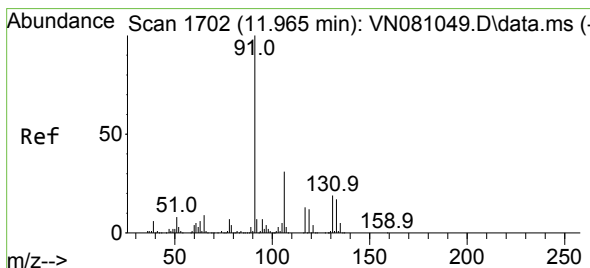
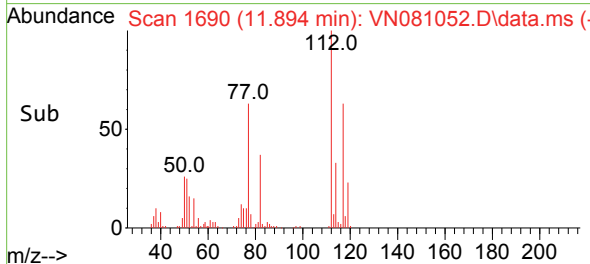
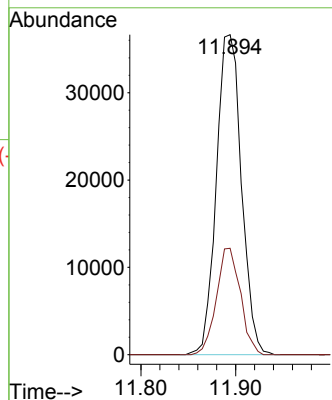
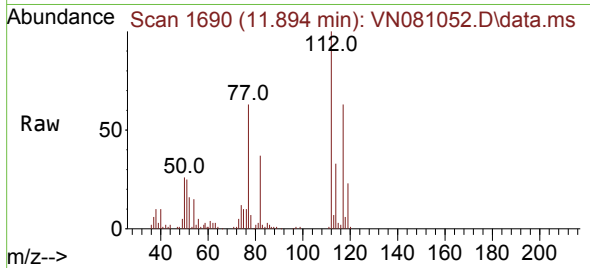




#65
Chlorobenzene
Concen: 5.068 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

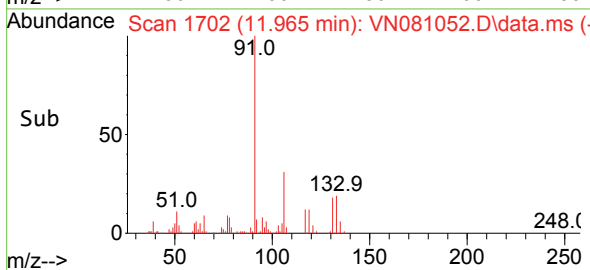
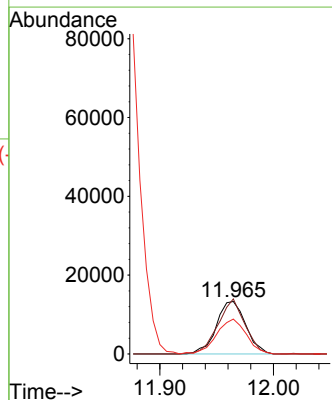
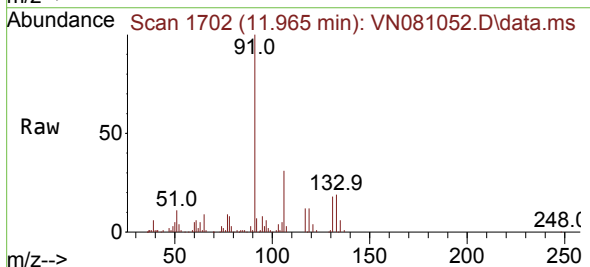
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

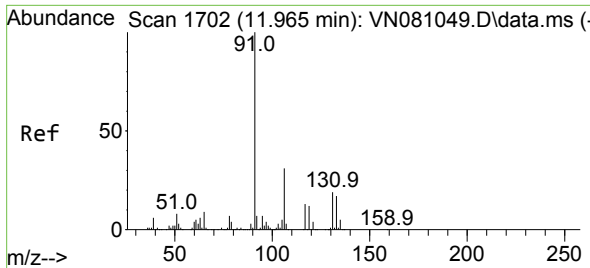
Tgt Ion:112 Resp: 67417
Ion Ratio Lower Upper
112 100
114 33.3 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 5.002 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion:131 Resp: 23899
Ion Ratio Lower Upper
131 100
133 96.4 46.8 140.3
119 67.5 34.6 103.9

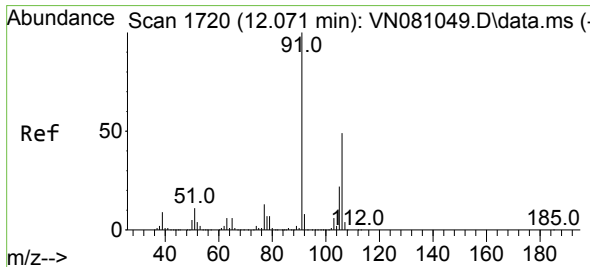
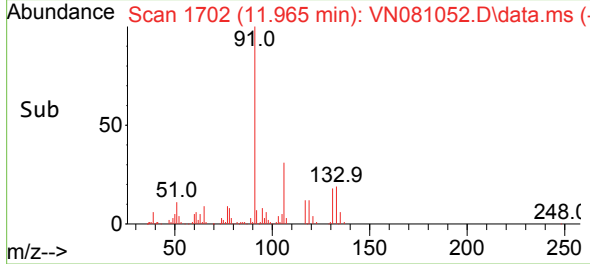
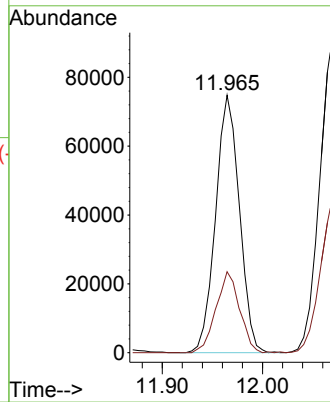
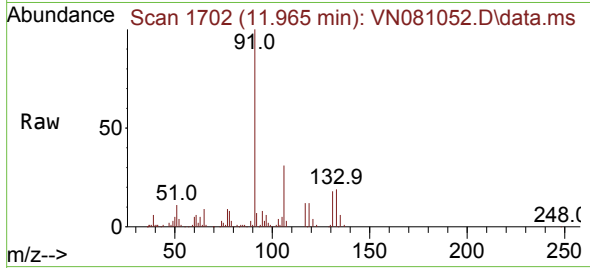




#67
Ethyl Benzene
Concen: 5.173 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

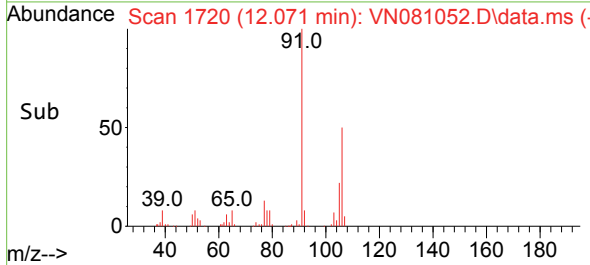
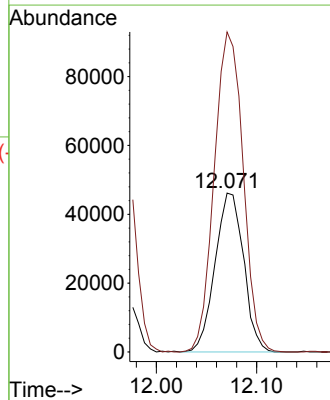
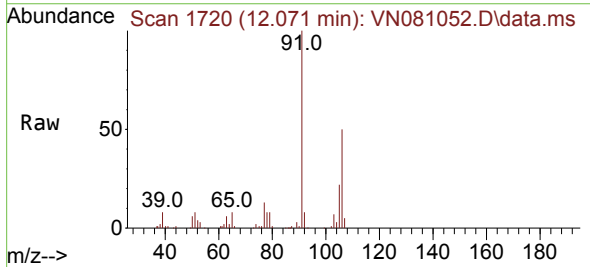
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

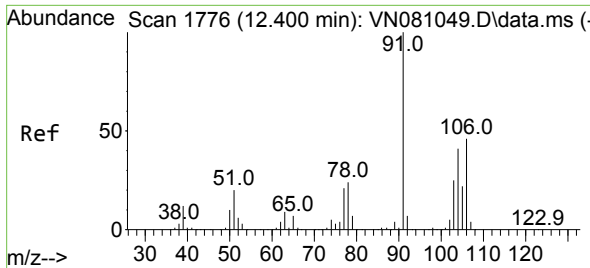
Tgt Ion: 91 Resp: 123132
Ion Ratio Lower Upper
91 100
106 31.4 23.8 35.6



#68
m/p-Xylenes
Concen: 10.009 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion:106 Resp: 91317
Ion Ratio Lower Upper
106 100
91 203.7 169.0 253.6

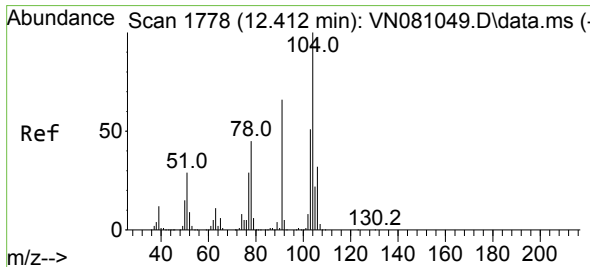
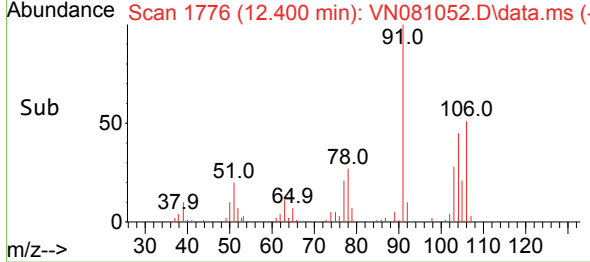
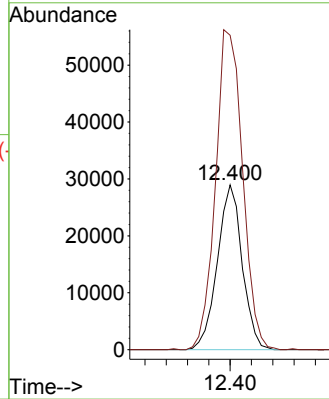
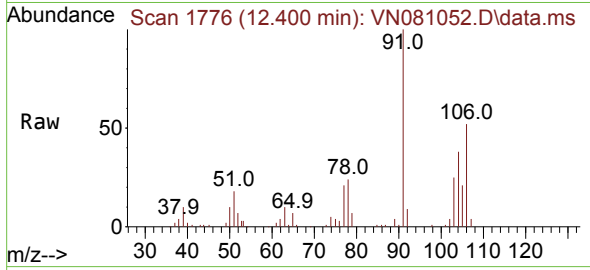




#69
o-Xylene
Concen: 5.176 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

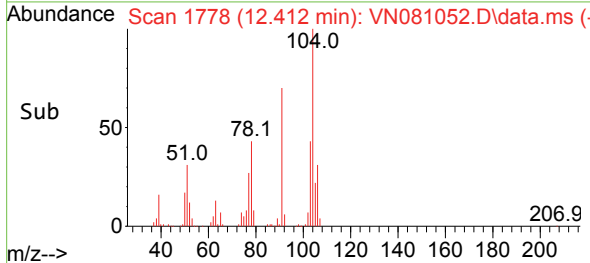
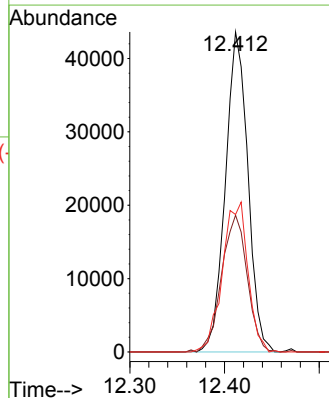
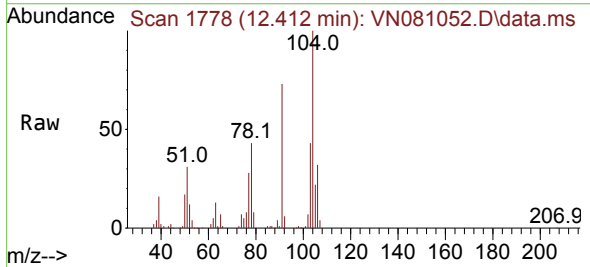
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

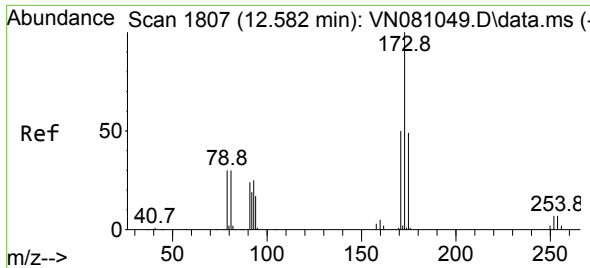
Tgt Ion:106 Resp: 46810
Ion Ratio Lower Upper
106 100
91 211.7 112.1 336.3



#70
Styrene
Concen: 5.028 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion:104 Resp: 72060
Ion Ratio Lower Upper
104 100
78 48.7 43.8 65.8
103 53.0 44.2 66.2

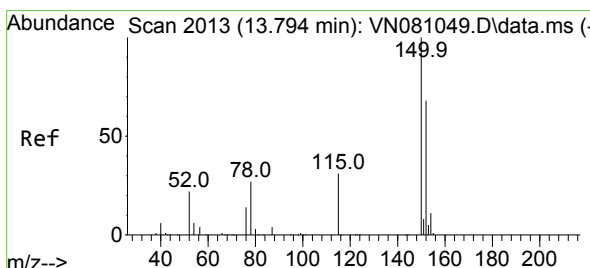
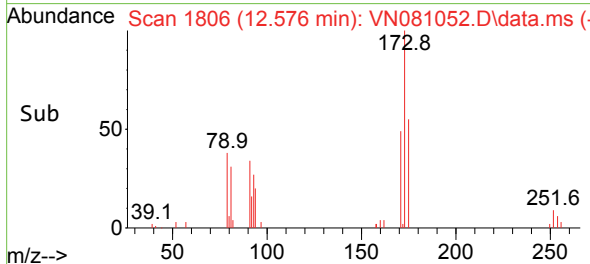
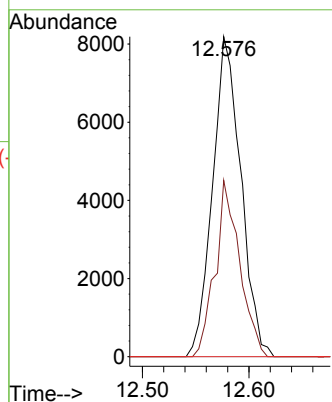
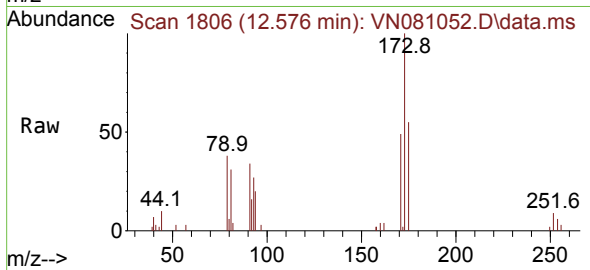




#71
Bromoform
Concen: 4.979 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

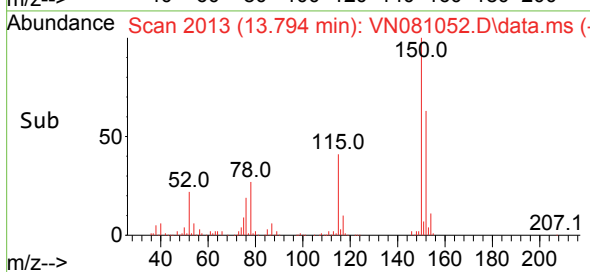
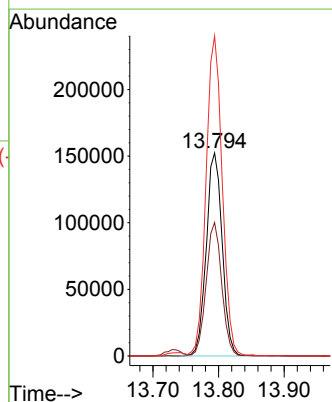
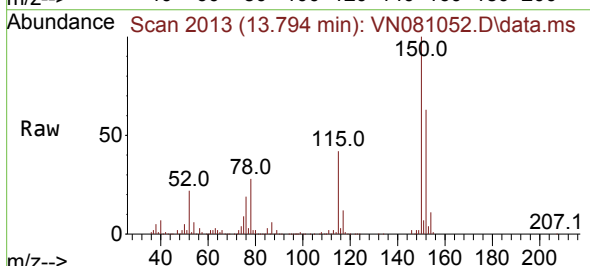
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

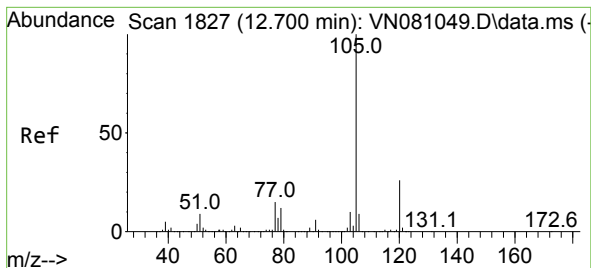
Tgt Ion:173 Resp: 15091
Ion Ratio Lower Upper
173 100
175 47.5 23.1 69.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion:152 Resp: 257716
Ion Ratio Lower Upper
152 100
115 64.2 32.3 96.8
150 159.1 0.0 339.8





#73

Isopropylbenzene

Concen: 5.141 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN081052.D

Acq: 16 Feb 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

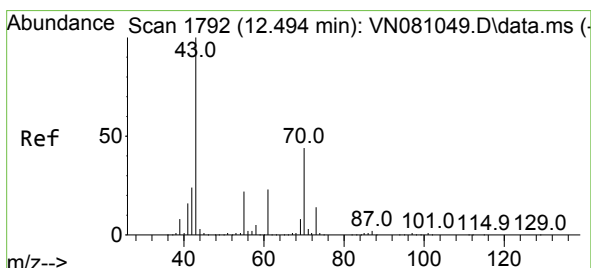
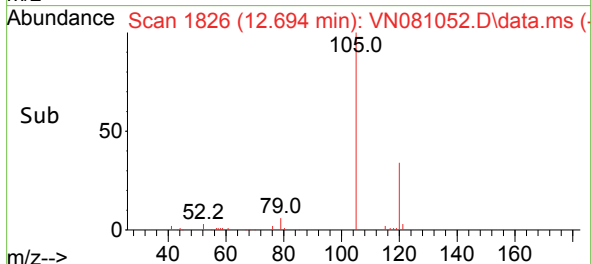
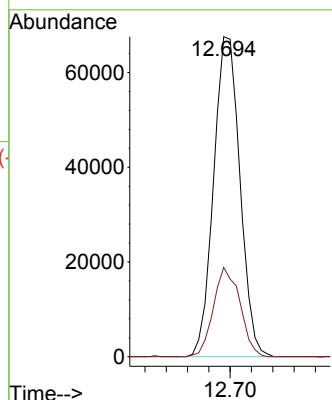
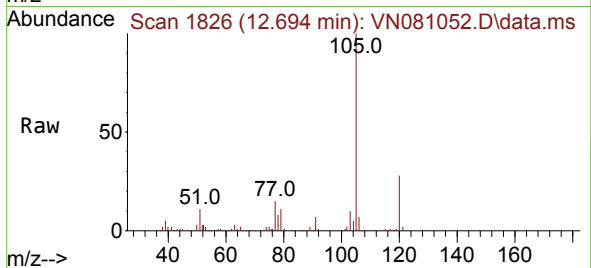
VSTDIC005

Tgt Ion:105 Resp: 115911

Ion Ratio Lower Upper

105 100

120 28.1 12.6 37.6



#74

N-ethyl acetate

Concen: 5.325 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081052.D

Acq: 16 Feb 2024 13:18

Tgt Ion: 43 Resp: 50746

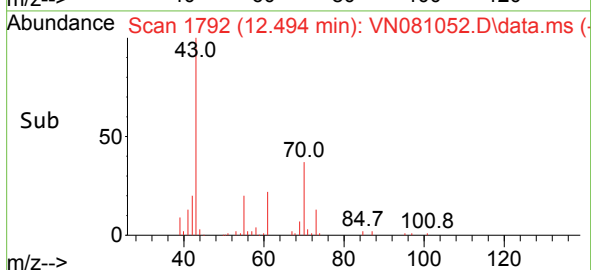
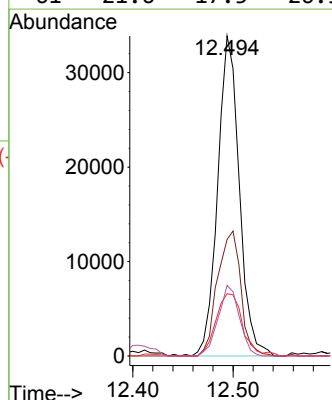
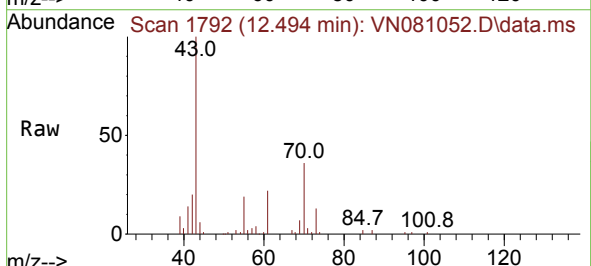
Ion Ratio Lower Upper

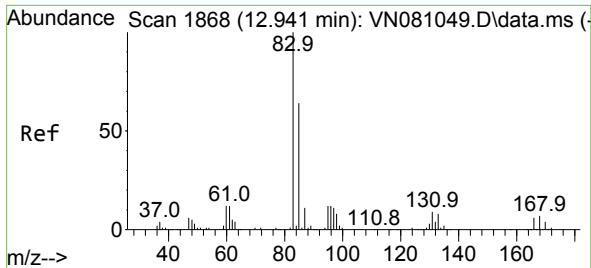
43 100

70 42.1 30.1 45.1

55 23.9 17.0 25.4

61 21.6 17.5 26.3

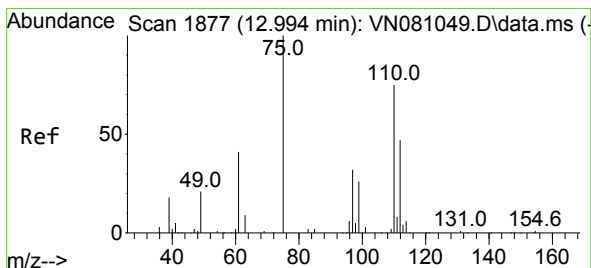
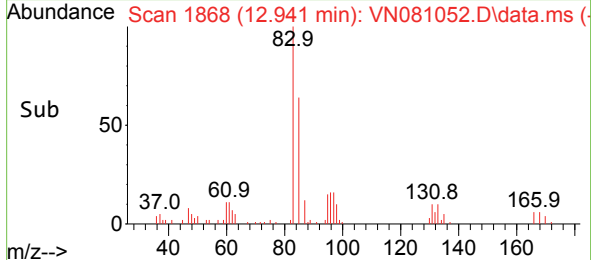
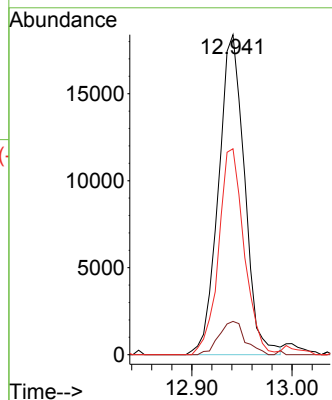
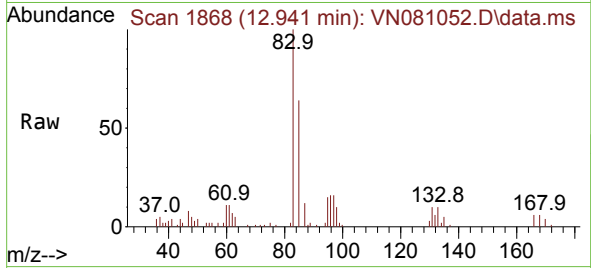




#75
1,1,2,2-Tetrachloroethane
Concen: 5.235 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

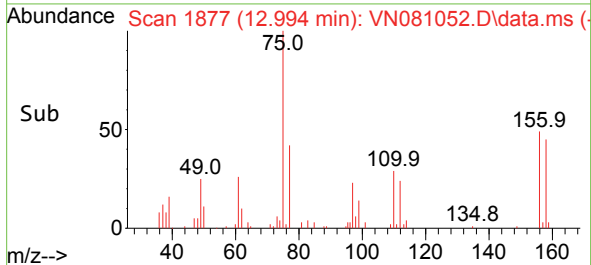
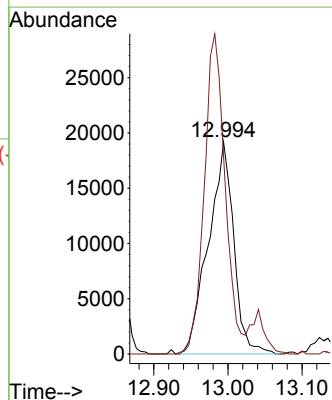
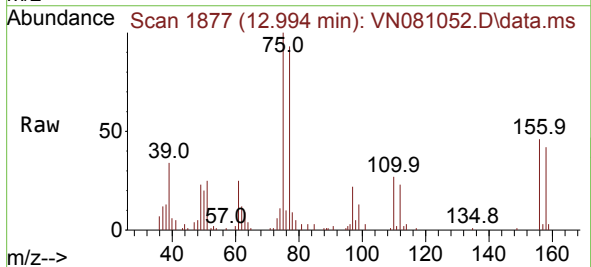
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

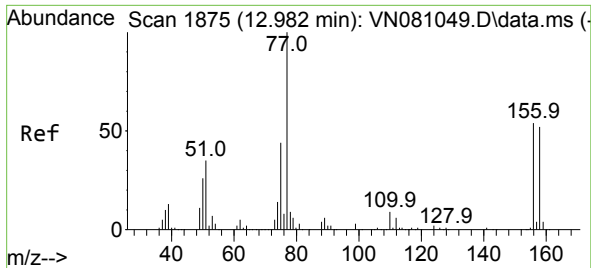
Tgt Ion: 83 Resp: 33193
Ion Ratio Lower Upper
83 100
131 10.4 4.1 12.3
85 63.1 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 7.741 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion: 75 Resp: 45513
Ion Ratio Lower Upper
75 100
77 124.9 91.0 272.8

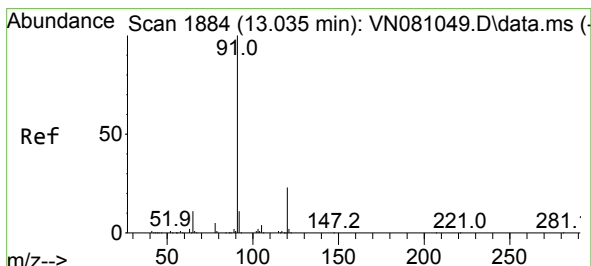
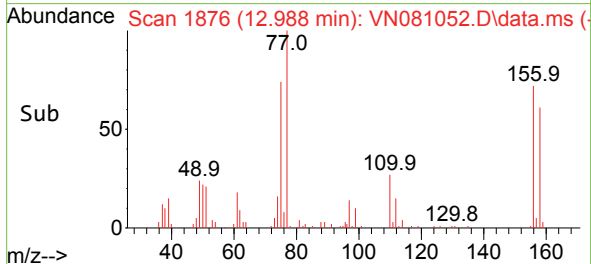
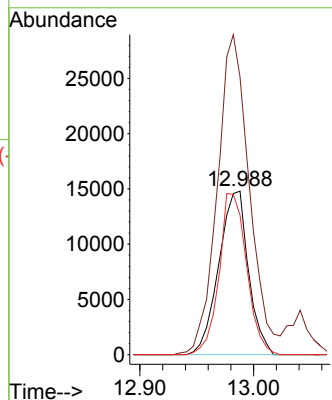
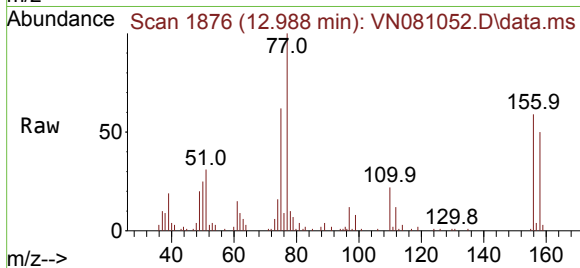




#77
Bromobenzene
Concen: 5.337 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

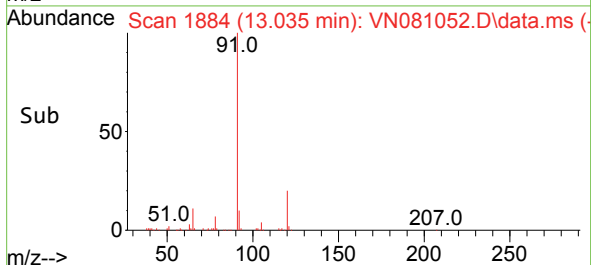
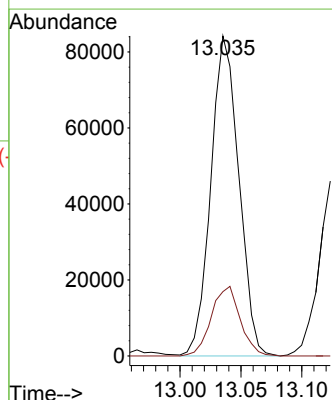
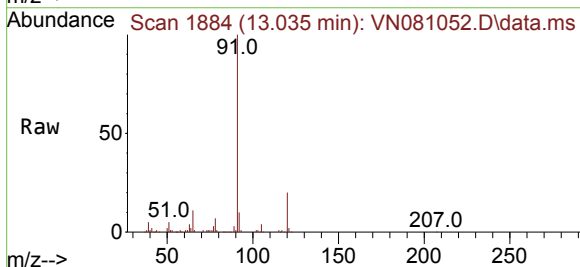
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

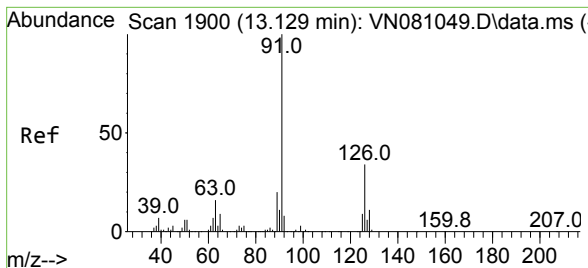
Tgt Ion:156 Resp: 26832
Ion Ratio Lower Upper
156 100
77 211.8 138.1 414.3
158 91.6 46.5 139.5



#78
n-propylbenzene
Concen: 5.195 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion: 91 Resp: 134849
Ion Ratio Lower Upper
91 100
120 22.4 10.3 30.9





#79

2-Chlorotoluene

Concen: 5.147 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN081052.D

Acq: 16 Feb 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

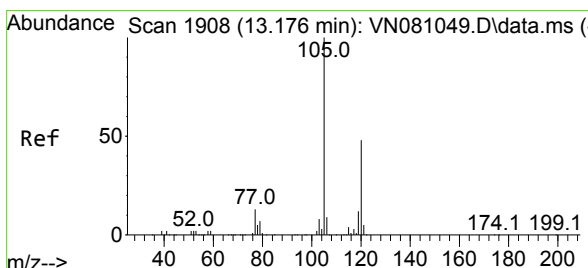
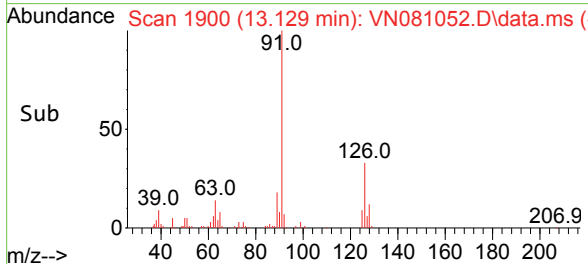
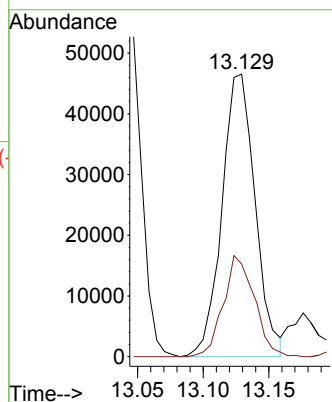
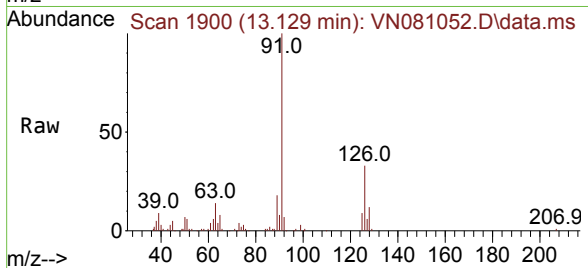
VSTDIC005

Tgt Ion: 91 Resp: 81955

Ion Ratio Lower Upper

91 100

126 33.5 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 5.247 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081052.D

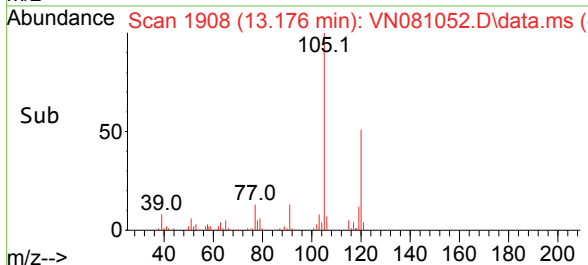
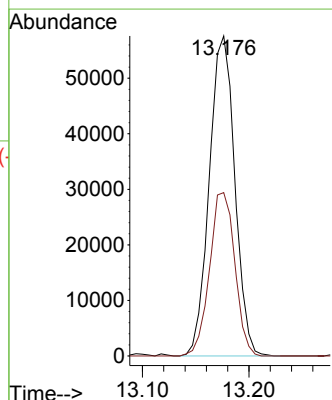
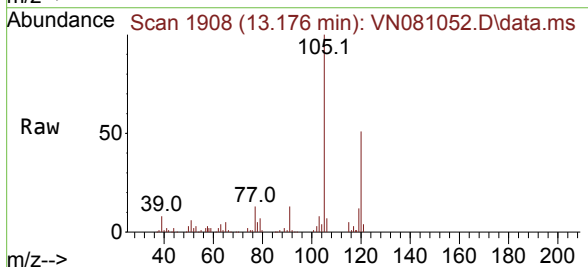
Acq: 16 Feb 2024 13:18

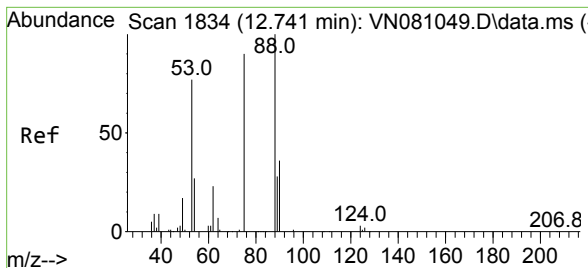
Tgt Ion: 105 Resp: 95932

Ion Ratio Lower Upper

105 100

120 50.6 23.0 69.0

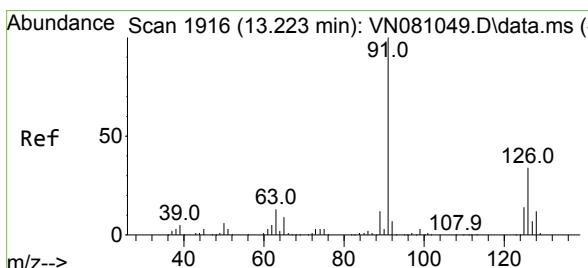
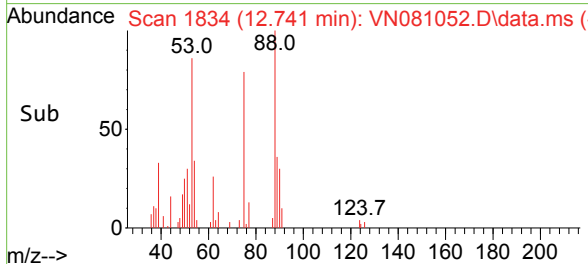
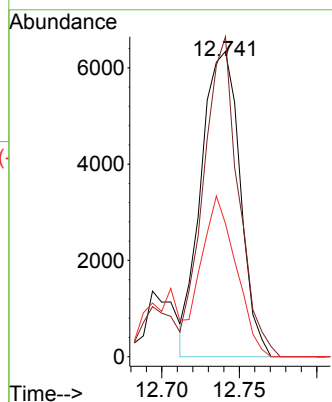
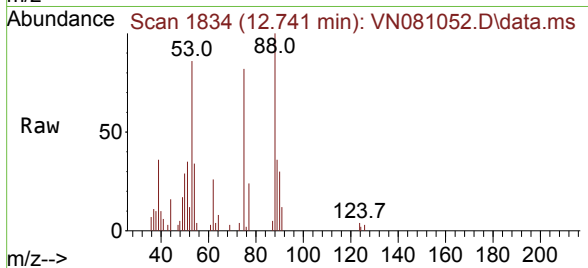




#81
trans-1,4-Dichloro-2-butene
Concen: 4.863 ug/l
RT: 12.741 min Scan# 11062
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

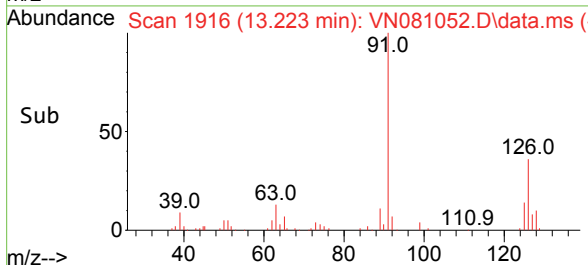
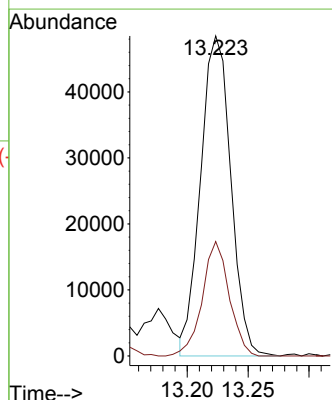
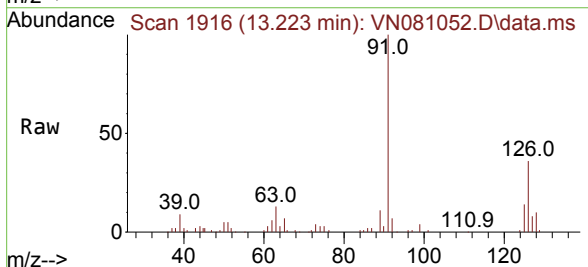
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

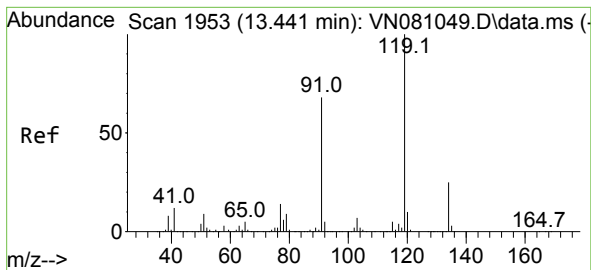
Tgt Ion: 75 Resp: 11062
Ion Ratio Lower Upper
75 100
53 93.8 71.4 107.2
89 48.1 33.4 50.0



#82
4-Chlorotoluene
Concen: 5.389 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion: 91 Resp: 83891
Ion Ratio Lower Upper
91 100
126 31.8 15.3 45.9

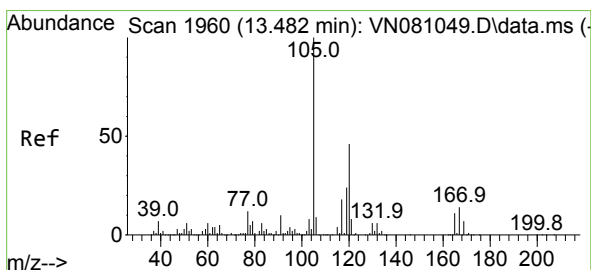
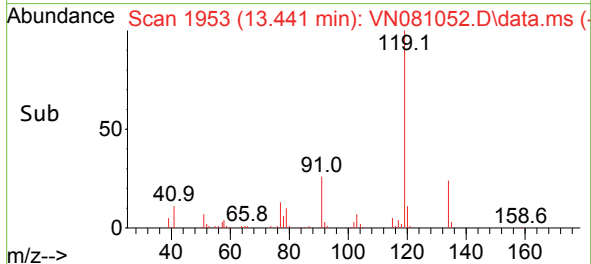
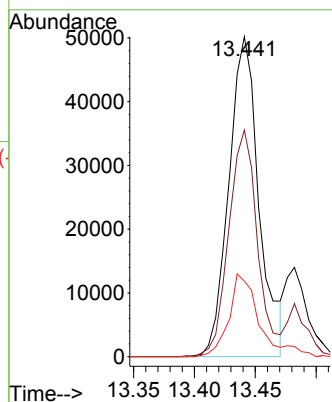
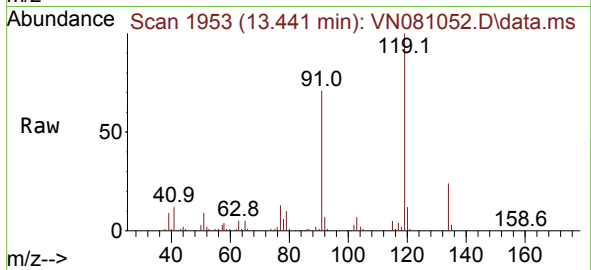




#83
tert-Butylbenzene
Concen: 5.480 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

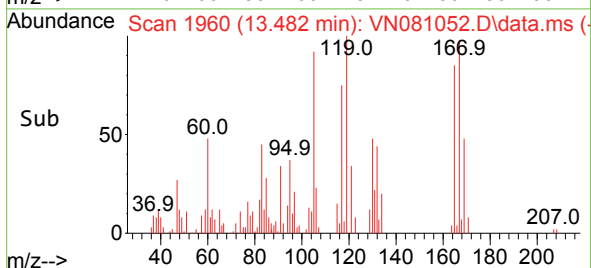
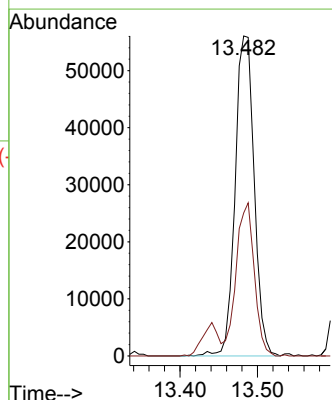
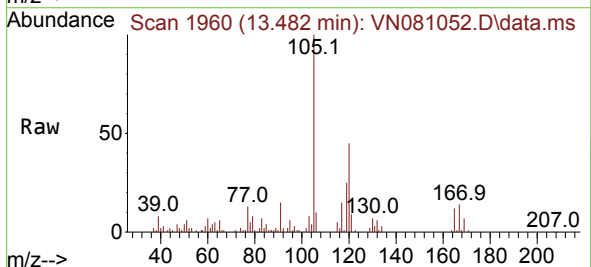
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

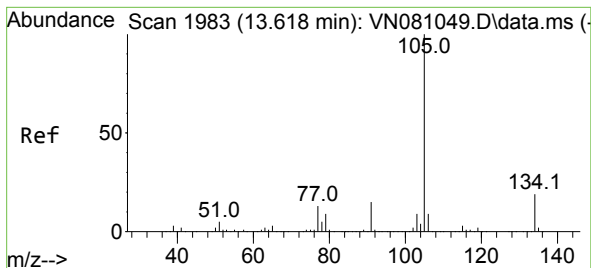
Tgt Ion:119 Resp: 86633
Ion Ratio Lower Upper
119 100
91 67.4 36.8 110.4
134 26.0 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 5.273 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion:105 Resp: 96062
Ion Ratio Lower Upper
105 100
120 46.0 20.9 62.7





#85

sec-Butylbenzene

Concen: 5.214 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081052.D

Acq: 16 Feb 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

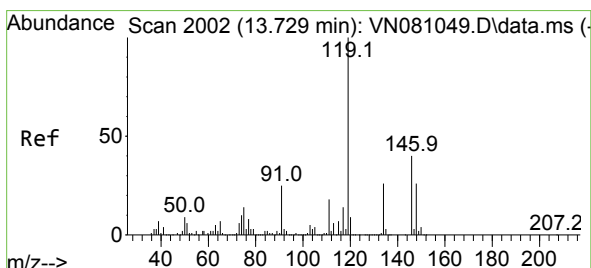
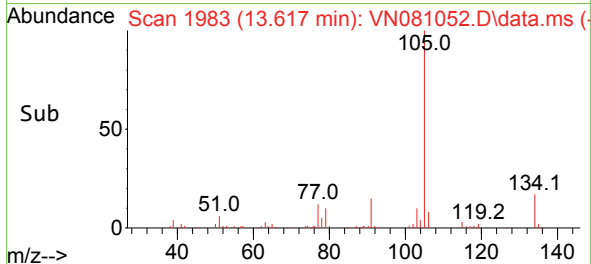
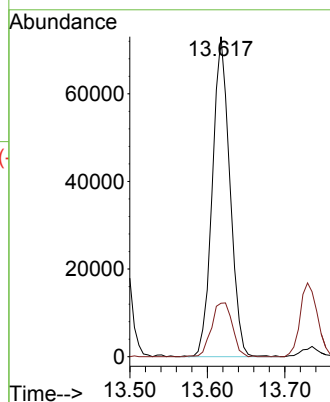
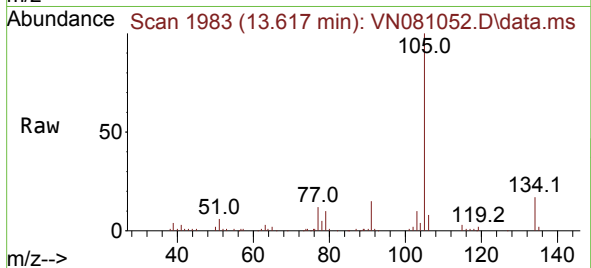
VSTDIC005

Tgt Ion:105 Resp: 114593

Ion Ratio Lower Upper

105 100

134 20.0 8.6 25.8



#86

p-Isopropyltoluene

Concen: 5.276 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN081052.D

Acq: 16 Feb 2024 13:18

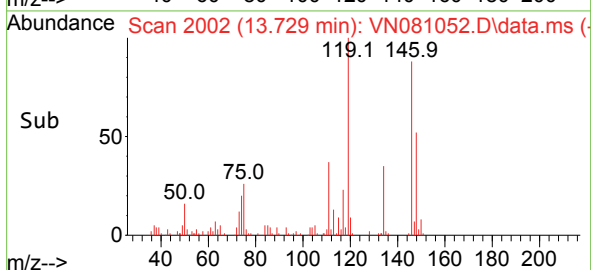
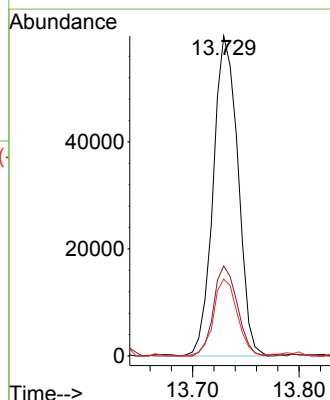
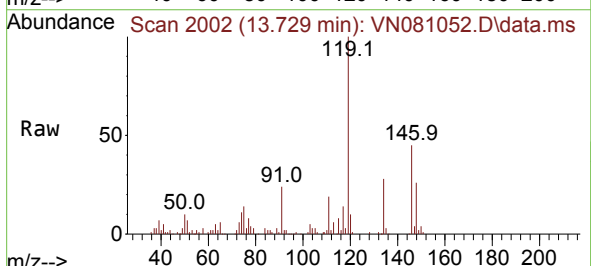
Tgt Ion:119 Resp: 96302

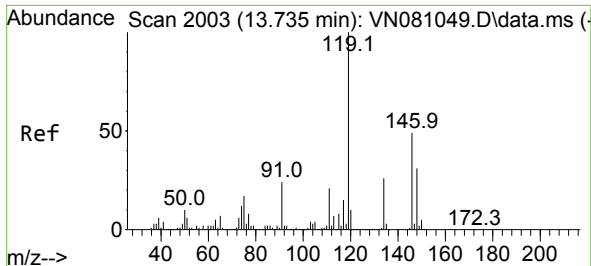
Ion Ratio Lower Upper

119 100

134 27.0 12.4 37.2

91 23.3 13.5 40.4

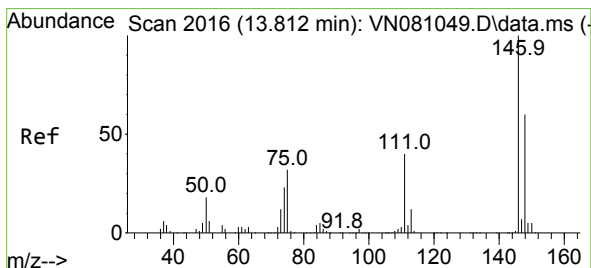
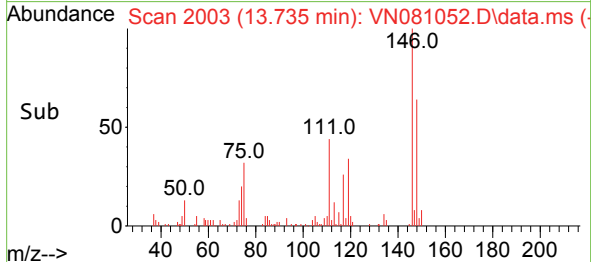
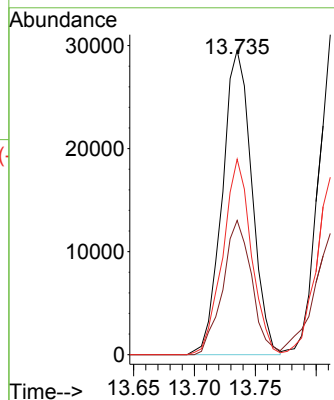
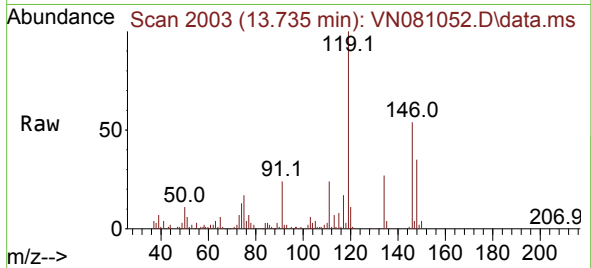




#87
1,3-Dichlorobenzene
Concen: 5.256 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

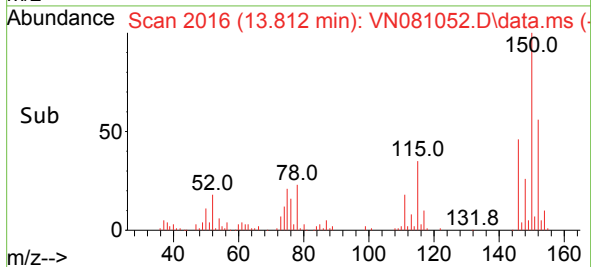
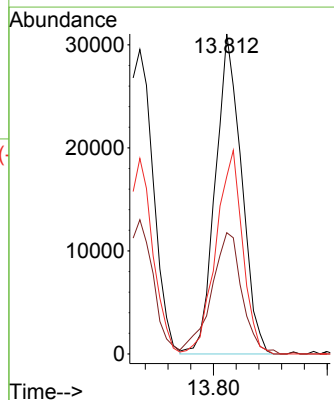
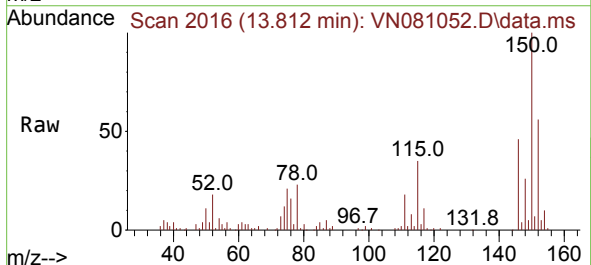
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

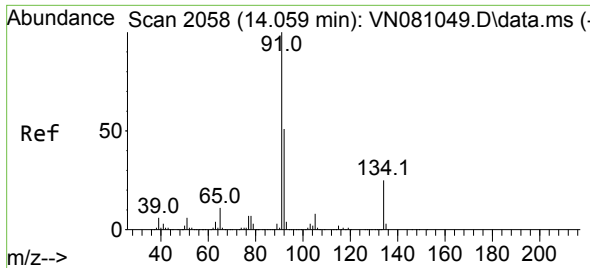
Tgt Ion:146 Resp: 49933
Ion Ratio Lower Upper
146 100
111 43.2 23.9 71.7
148 62.2 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 5.302 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion:146 Resp: 49495
Ion Ratio Lower Upper
146 100
111 44.6 22.6 67.7
148 65.2 31.9 95.5

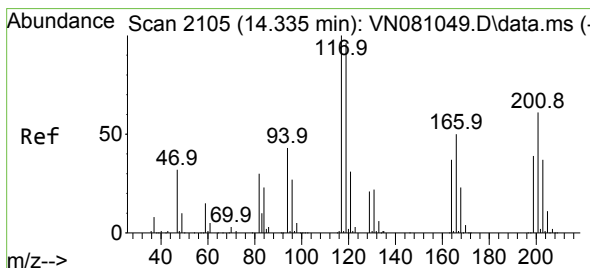
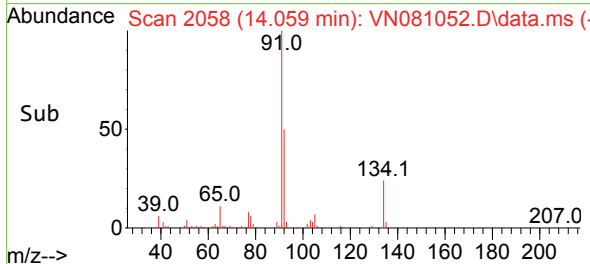
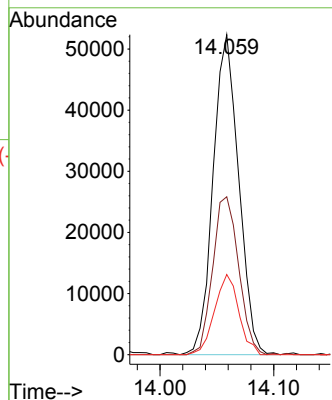
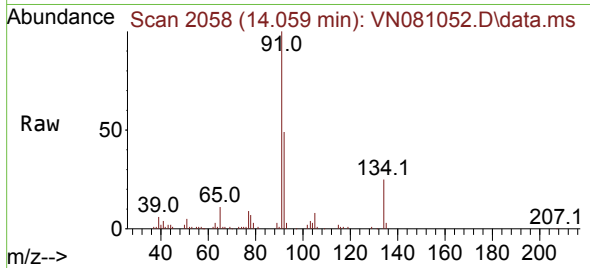




#89
n-Butylbenzene
Concen: 5.144 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

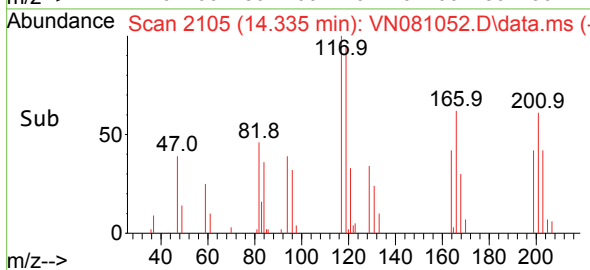
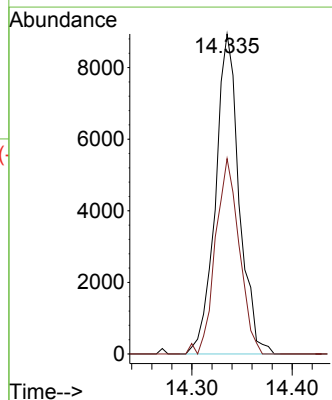
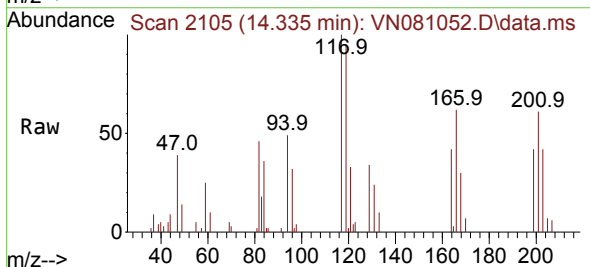
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

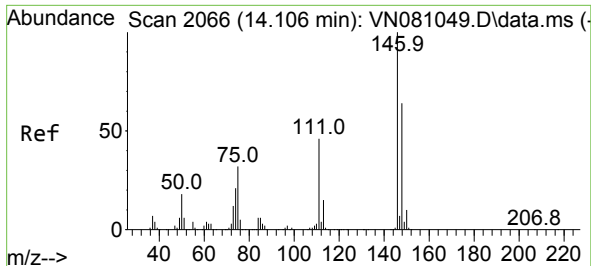
Tgt Ion: 91 Resp: 81803
Ion Ratio Lower Upper
91 100
92 50.3 26.7 80.1
134 23.8 10.8 32.4



#90
Hexachloroethane
Concen: 4.876 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion: 117 Resp: 14711
Ion Ratio Lower Upper
117 100
201 61.0 30.0 90.0

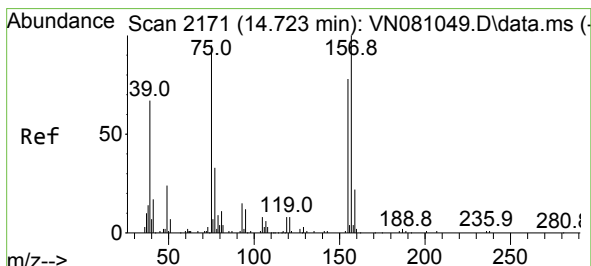
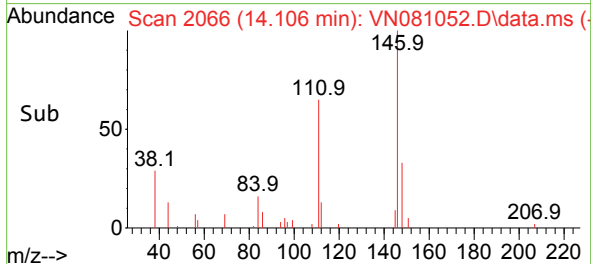
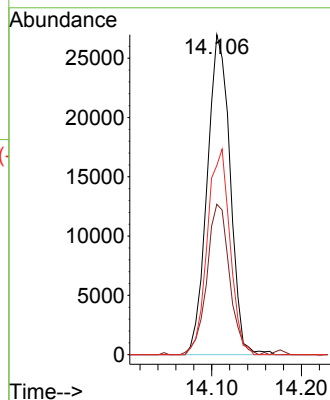
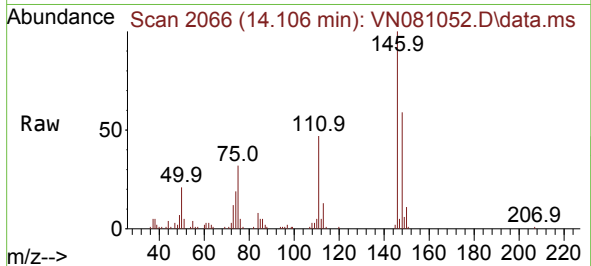




#91
1,2-Dichlorobenzene
Concen: 5.219 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

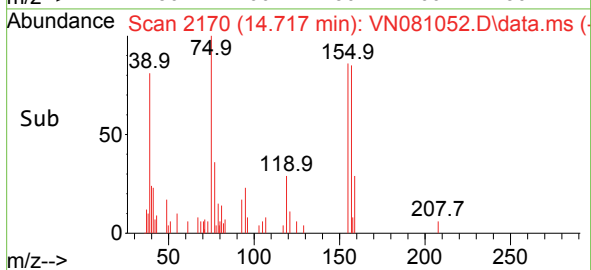
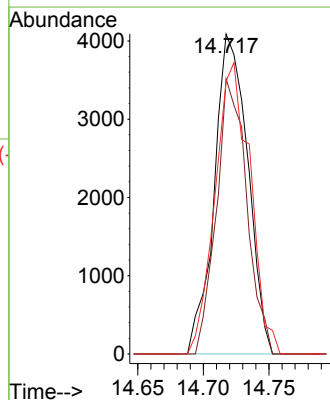
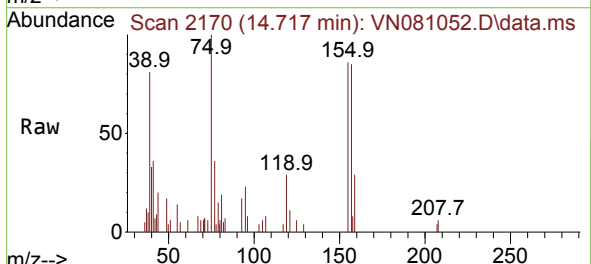
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

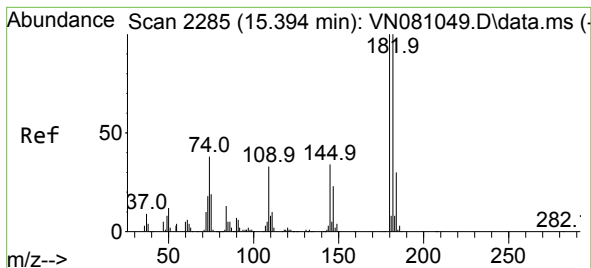
Tgt Ion:146 Resp: 47819
Ion Ratio Lower Upper
146 100
111 46.6 23.9 71.8
148 63.5 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.487 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081052.D
Acq: 16 Feb 2024 13:18

Tgt Ion: 75 Resp: 7233
Ion Ratio Lower Upper
75 100
155 78.2 31.8 95.4
157 95.3 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 4.914 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081052.D

Acq: 16 Feb 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

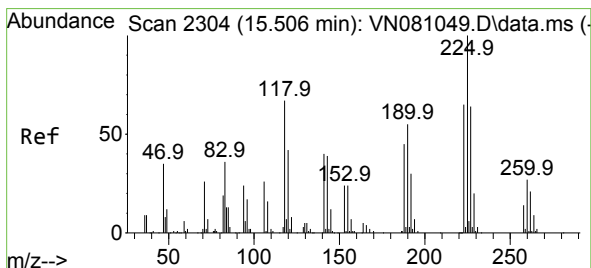
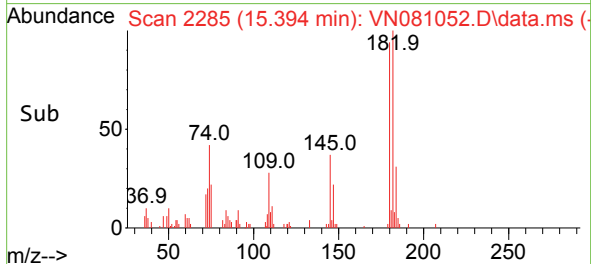
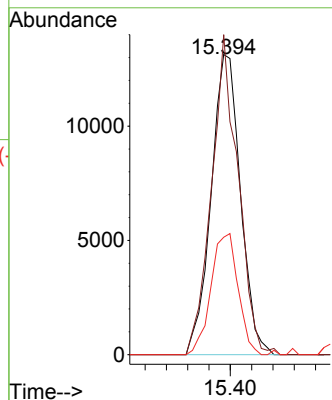
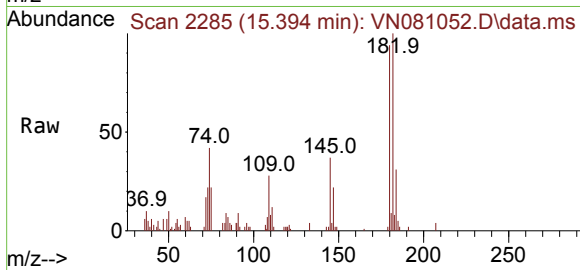
Tgt Ion:180 Resp: 25118

Ion Ratio Lower Upper

180 100

182 96.4 46.6 139.7

145 37.3 16.8 50.3



#94

Hexachlorobutadiene

Concen: 5.154 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN081052.D

Acq: 16 Feb 2024 13:18

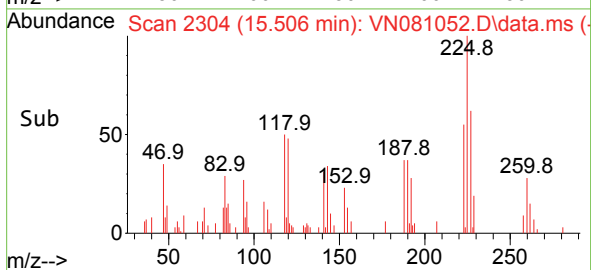
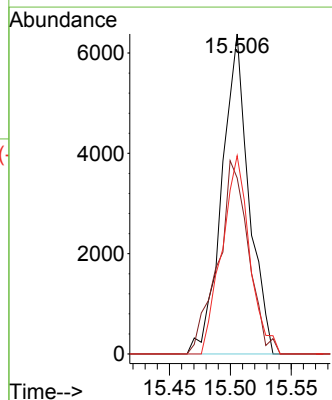
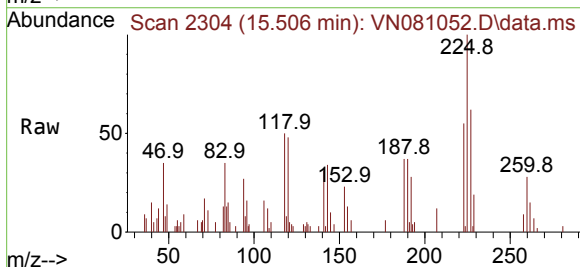
Tgt Ion:225 Resp: 9826

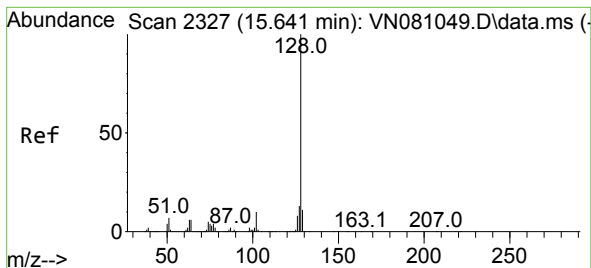
Ion Ratio Lower Upper

225 100

223 68.1 33.3 99.8

227 64.0 33.1 99.2





#95

Naphthalene

Concen: 5.242 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081052.D

Acq: 16 Feb 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

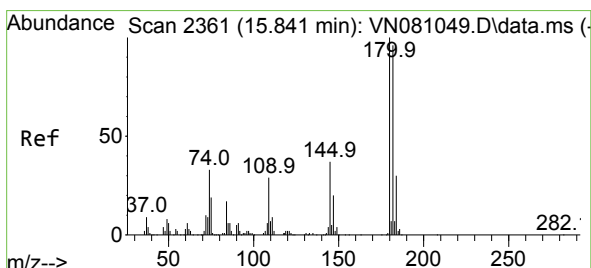
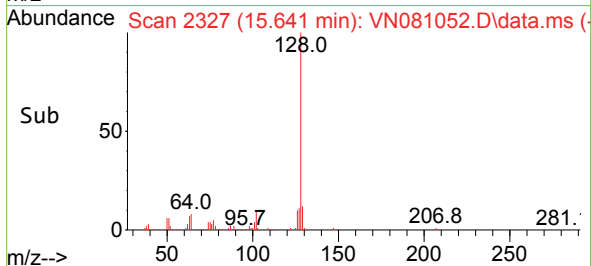
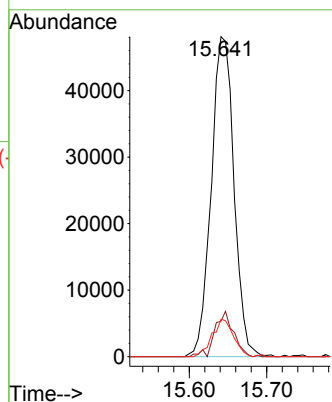
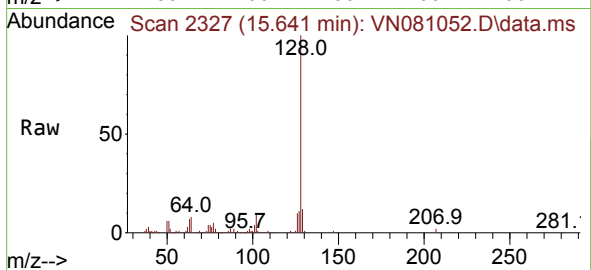
Tgt Ion:128 Resp: 98184

Ion Ratio Lower Upper

128 100

127 11.8 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 4.817 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081052.D

Acq: 16 Feb 2024 13:18

Tgt Ion:180 Resp: 24426

Ion Ratio Lower Upper

180 100

182 100.0 46.5 139.3

145 39.5 17.8 53.4

